

**Dalroad**



AUTHORISED DISTRIBUTOR

**TE Connectivity DEUTSCH ICT  
Connector Product Catalogue**

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### Special Connectors

Upon request, DEUTSCH AEC, DRB, DRC, DTV and Strike connectors are also available to purchase from Dalroad.



For the full technical specification visit: our website [www.dalroad.com](http://www.dalroad.com)

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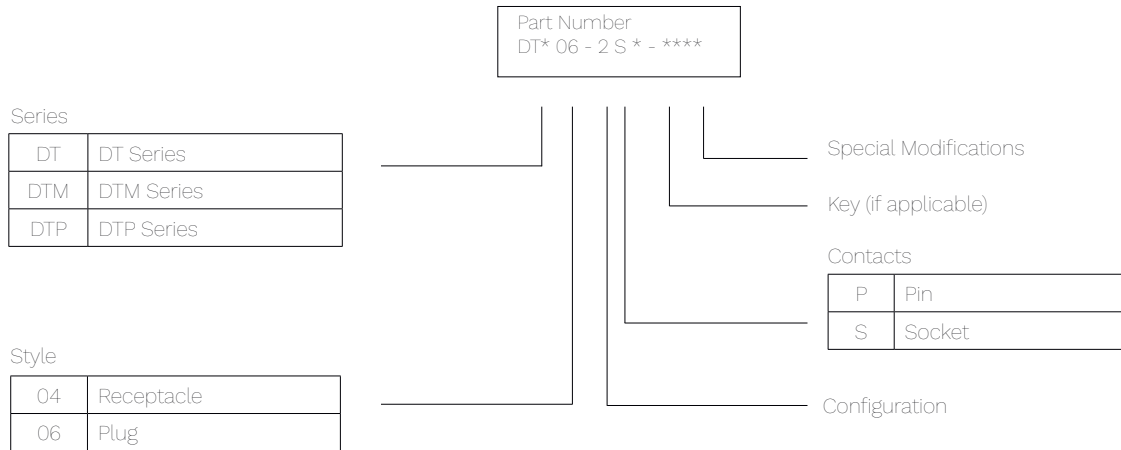
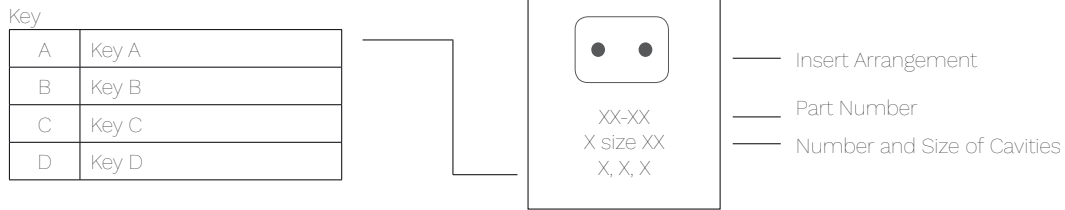
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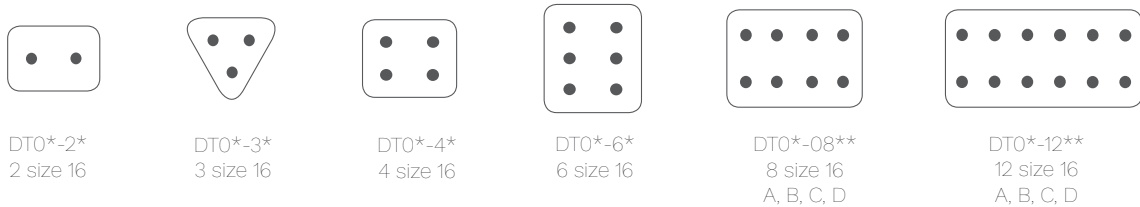


# DT Part Numbers

## Key Options



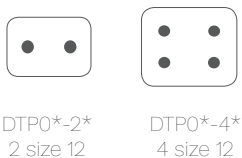
## DT Series Configurations



## DTM Series Configurations



## DTP Series Configurations



# DT Standard Series

## Plugs and Receptacles



DEUTSCH DT Series Connectors offer field proven reliability and rugged quality. The DT design strengths include optional flange mounting, multi-pin arrangements and design flexibility. The DT Series offers the designer the ability to use multiple size 16 contacts, each with 13 amp continuous capacity, within a single shell.

There are two versions identified by different colours:-

Grey - Plug with orange wedgelock, Receptacle with green wedgelock.

Black (preferred) - With enhanced seal retention and green secondary locks.

Note: Component parts are not inter-mountable but in the fully assembled condition, both grey and black parts are intermateable and interchangeable thus maintaining the higher levels of sealability expected within the Construction, Off-road, Heavy Goods Vehicle and Agricultural market.

### Wire Sealing Range

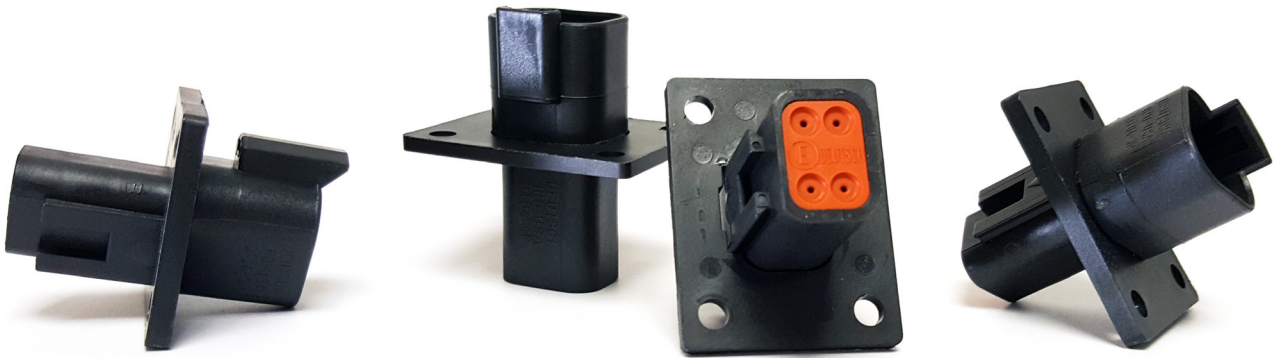
Standard - 2.24mm - 3.68mm wire insulation diameter. Thin wall - 1.35mm - 3.05mm wire insulation diameter (Identified by an 'E' on the Seal / End Cap).

No. of Positions	Keying	Grey Plug	Grey Plug Reduced Diameter Seals	Grey Receptacle	Grey Receptacle Reduced Diameter Seals
2	-	DT06-2S-P004	DT06-2S-C015	DT04-2P-P004	DT04-2P-C015
3	-	DT06-3S-P004	DT06-3S-C015	DT04-3P-P004	DT04-3P-C015
4	-	DT06-4S-P004	DT06-4S-C015	DT04-4P-P004	DT04-4P-C015
6	-	DT06-6S-P004	DT06-6S-C015	DT04-6P-P004	DT04-6P-C015
8	Key A	DT06-08SA-P004	DT06-08SA-C015	DT04-08PA-P004	DT04-08PA-C015
	Key B	DT06-08SB-P004	DT06-08SB-C015	DT04-08PB-P004	DT04-08PB-C015
	Key C	DT06-08SC-P004	DT06-08SC-C015	DT04-08PC-P004	DT04-08PC-C015
	Key D	DT06-08SD-P004	DT06-08SD-C015	DT04-08PD-P004	DT04-08PD-C015
12	Key A	DT06-12SA-P004	DT06-12SA-C015	DT04-12PA-P004	DT04-12PA-C015
	Key B	DT06-12SB-P004	DT06-12SB-C015	DT04-12PB-P004	DT04-12PB-C015
	Key C	DT06-12SC-P004	DT06-12SC-C015	DT04-12PC-P004	DT04-12PC-C015
	Key D	DT06-12SD-P004	DT06-12SD-C015	DT04-12PD-P004	DT04-12PD-C015

No. of Positions	Keying	Black Plug	Black Plug Reduced Diameter Seals	Black Receptacle	Black Receptacle Reduced Diameter Seals
2	-	DT06-2S-P012	DT06-2S-CE06	DT04-2P-E004	DT04-2P-CE02
3	-	DT06-3S-P012	DT06-3S-CE06	DT04-3P-E004	DT04-3P-CE02
4	-	DT06-4S-P012	DT06-4S-CE06	DT04-4P-E004	DT04-4P-CE02
6	-	DT06-6S-P012	DT06-6S-CE06	DT04-6P-E004	DT04-6P-CE02
8	Key A	DT06-08SA-P012	DT06-08SA-CE06	DT04-08PA-E004	DT04-08PA-CE02
	Key B	DT06-08SB-P012	DT06-08SB-CE06	DT04-08PB-E004	DT04-08PB-CE02
	Key C	DT06-08SC-P012	DT06-08SC-CE06	DT04-08PC-E004	DT04-08PC-CE02
	Key D	DT06-08SD-P012	DT06-08SD-CE06	DT04-08PD-E004	DT04-08PD-CE02
12	Key A	DT06-12SA-P012	DT06-12SA-CE06	DT04-12PA-E004	DT04-12PA-CE02
	Key B	DT06-12SB-P012	DT06-12SB-CE06	DT04-12PB-E004	DT04-12PB-CE02
	Key C	DT06-12SC-P012	DT06-12SC-CE06	DT04-12PC-E004	DT04-12PC-CE02
	Key D	DT06-12SD-P012	DT06-12SD-CE06	DT04-12PD-E004	DT04-12PD-CE02

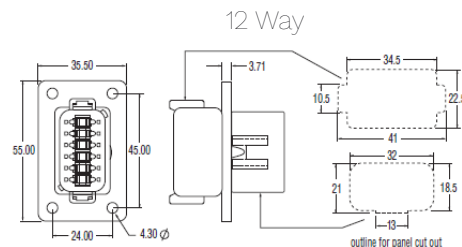
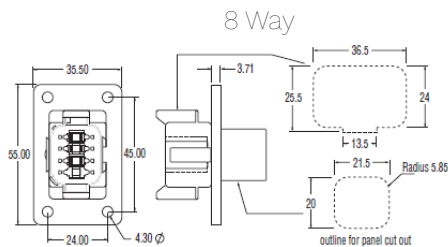
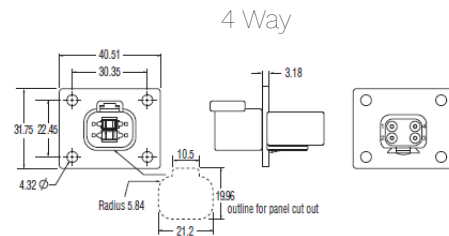
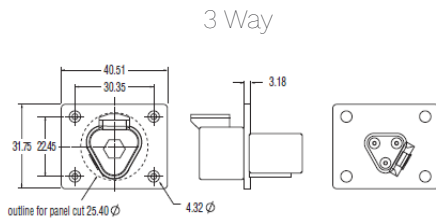
# DT Flanges Series

## Receptacles



No. of Positions	Grey Receptacle Welded flange	Grey Receptacle Reduced Diameter Seals	Black Receptacle Welded flange	Black Receptacle Reduced Diameter Seals
3	DT04-3P-L012	DT04-3P-CL03	DT04-3P-LE14	DT04-3P-CL06
4	DT04-4P-L012	DT04-4P-CL03	DT04-4P-LE14	DT04-4P-CL06
6*	DTP04-6P-L012	DT04-6P CL03	DT04-6P-LE14	DT04-6P-CL06
8	DT04-08P-L012	DT04-8P-CL03	DT04-8P-LE14	DT04-8P-CL06
12	DT04-12P-L012	DT04-12P-CL03	DT04-12P-LE14	DT04-12P-CL06

The DT Flanged Receptacle Series of sealed connectors is available in grey and black with standard or thin wall wire seals. Designed to simplify wire routing and assembly, DT Series receptacles are available in many mounting configurations and styles. Each receptacle requires a secondary contact lock - e.g. W3P through to W12P coloured green.



### Wire Sealing Range

Standard - 2.24mm - 3.68mm wire insulation diameter

Thin wall - 1.35mm - 3.05mm wire insulation diameter

\*Note: Contact Sales Office for 6 Way Drawing

# DT Boot Adaptor Series

## Plugs and Receptacles

To meet the application requirements where wires are to be protected, the DT Series may be supplied with boot adaptors. These will accept shaped boots / sleeves or shrink tubing. Parts for standard or thin wall wire are available.

Wire Sealing Range Standard - 2.24mm - 3.68mm wire insulation diameter  
Thin wall - 1.35mm - 3.05mm wire insulation diameter



No. of Positions	Grey Plug Shrink Boot Adapter	Black Plug Shrink Boot Adapter	Grey Plug Reduced Diameter Seals	Black Plug Reduced Diameter Seals	Grey Receptacle Shrink Boot Adapter	Black Receptacle Shrink Boot Adapter	Grey Receptacle Reduced Diameter Seals	Black Receptacle Reduced Diameter Seals
2	DT06-2S-E008	DT06-2S-EP11	DT06-2S-CE04	DT06-2S-CE13	DT04-2P-E008	DT04-2P-EE01	DT04-2P-CE04	DT04-2P-CE09
3	DT06-3S-E008	DT06-3S-EP11	DT06-3S-CE04	DT06-3S-CE13	DT04-3P-E008	DT04-3P-EE01	DT04-3P-CE04	DT04-3P-CE09
4	DT06-4S-E008	DT06-4S-EP11	DT06-4S-CE04	DT06-4S-CE13	DT04-4P-E008	DT04-4P-EE01	DT04-4P-CE04	DT04-4P-CE09
8	DT06-8S-E008	DT06-8S-EP11	DT06-8S-CE04	DT06-8S-CE13	DT04-8P-E008	DT04-8P-EE01	DT04-8P-CE04	DT04-8P-CE09
12	DT06-12S-E008	DT06-12S-EP11	DT06-12S-CE04	DT06-12S-CE13	DT04-12P-E008	DT04-12P-EE01	DT04-12P-CE04	DT04-12P-CE09

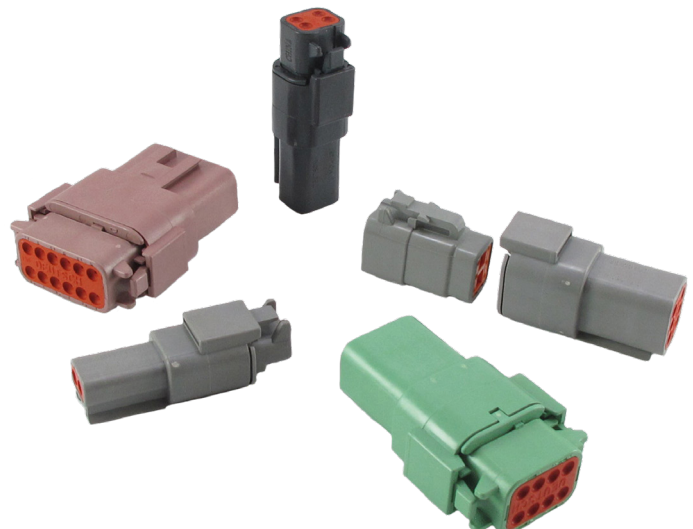
# DTM Series

## Plugs and Receptacles

DEUTSCH DTM Series Connectors offer solutions to your smaller wire gauge applications. Building on the DT design strengths, the DTM connector line was developed to fill the need for lower amperage, multi-pin connectors. The DTM Series offers the designer the ability to use multiple size 20 contacts, each with 7.5 amp continuous capacity, within a single shell.

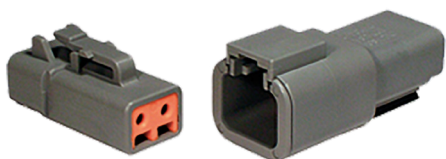
Wire Sealing Range Standard - 1.35mm – 3.05mm wire insulation diameter

No. of Positions	Keying	Plug	Receptacle
2	-	DTM06-2S	DTM04-2P
3	-	DTM06-3S	DTM04-3P
4	-	DTM06-4S	DTM04-4P
6	-	DTM06-6S	DTM04-6P
8	Key A	DTM06-08SA	DTM04-08PA
	Key B	DTM06-08SB	DTM04-08PB
	Key C	DTM06-08SC	DTM04-08PC
	Key D	DTM06-08SD	DTM04-08PD
12	Key A	DTM06-12SA	DTM04-12PA
	Key B	DTM06-12SB	DTM04-12PB
	Key C	DTM06-12SC	DTM04-12PC
	Key D	DTM06-12SD	DTM04-12PD



# DTP Series

## Plugs and Receptacles



DEUTSCH DTP Series Connectors provide solutions for your power application requirements. Building on both the DT and DTM design strengths, the DTP connector line was developed to fill the need for higher amperage, multi-pin connectors.

The DTP Series offers the designer the ability to use multiple size 12 contacts, each with 25 amp continuous capacity, within a single shell. The DTP connectors are currently available in two and four pin configurations.

No. of Positions	Plug	Plug Reduced Diameter Seals	Receptacle	Receptacle Reduced Diameter Seals
2	DTP06-2S	DTP06-2S-C015	DTP04-2P	DTP04-2P-C015
4	DTP06-4S	DTP06-4S-C015	DTP04-4P	DTP04-4P-C015

## Contacts for DT Series

Size	Pin	Socket	Wire Size AWG (mm <sup>2</sup> )	Recommended Strip Inches (mm)	Min. Contact Retention	Ref Crimp Tensile Lbs. (N)	Max Rated Amps at 125°C Continuous
20	0460-202-20**	0462-201-20**	20 (0.50)	.156-218 (3.96-5.54)	20 (89)	20 (89)	7.5
20	0460-010-20**	0462-005-20**	16-18 (1.0-0.75)	.156-218 (3.96-5.54)	20 (89)	20 (89)	7.5
16	0460-202-16**	0462-201-16**	16-20 (1.5-0.50)	.250-312 (6.35-7.92)	25 (111)	35-20 (156-89)	13
16	0460-215-16**	0462-209-16**	14 (2.0)	.250-312 (6.35-7.92)	25 (111)	70 (311)	13
12	0460-204-12**	0462-203-12**	12-14 (3.0-2.0)	.222-284 (5.64-7.21)	30 (134)	75-70 (334-311)	25
8	0460-204-08**	0462-203-08**	8-10 (10.0-5.0)	.430-492 (10.92-12.50)	35 (156)	125-90 (556-400)	60
4	0460-204-04**	0462-203-04**	6 (16.0-13.0)	.430-492 (10.92-12.50)	35 (156)	300 (1334)	100
4 (C038)	5960-203-04141	59602-203-04141	4 (25.0-21.0)	.430-492 (10.92-12.50)	35 (156)	300 (1334)	100

\*\* = Plating codes

Part Number Suffix	Plating Material
31	Gold
90	Nickel (size 4 pin only)
141	Nickel



Stamped and Formed Contacts are also available



# DTSK Series

## Plugs and Receptacles

DEUTSCH DTSK Series connectors are easy to use, single-pole connectors designed for power applications. They can be used either inline or as a pass-through with an optional mounting flange. These heavy-duty thermoplastic connectors accept size Ø8mm contacts that are rated up to 125 amps. Designed with ease of use and simplicity in mind, DEUTSCH DTSK connectors feature latch-style mating and an integrated secondary lock.

No. of Positions	Keying	Plug	Receptacle
8	Key A	DTSK06-1-08SA	DTSK04-1-08PA
	Key B	DTSK06-1-08SB	DTSK04-1-08PB
	Key C	DTSK06-1-08SC	DTSK04-1-08PC



## Contacts for DTSK Series

Size	Pin	Socket	Wire Size AWG (mm²)	Typical Current Rating(A)
4	SRK-PC-080-25-601	SRK-SC-080-25-601	4 (25.0)	150
2	SRK-PC-080-32-601	SRK-SC-080-32-601	2 (32.0)	150
2	SRK-PC-080-35-601	SRK-SC-080-35-601	2 (35.0)	150

# EEC Boxes

## Headers and PCB Enclosures

Compact circuit board enclosures that accept snap-in headers are available. The enclosure features a through hole mounting flange on each side, as well as optional venting. Designed with space to accommodate one or more DT or DTM series interfaces, the headers feature 90° pins. A radial flange seal provides environmental sealing to the enclosure. The headers mate with the DT and DTM standard plugs.

No. of Positions	Keying	DT EEC Headers	DTM EEC Headers
12	Key A	DT13-12PA-****	DTM13-12PA-****
	Key B	-	DTM13-12PB-****
	Key C	-	DTM13-12PC-****
	Key D	-	DTM13-12PD-****
24	Key A & B	DT13-24PAB-****	DTM13-12PA-12PB-****
	Key C & D	-	DTM13-12PC-12PD-****
36	Key A, B & C	DT13-36PABC-****	-
48	Key A, B, C & D	DT13-48PAB-CD-****	-

Venting	DT EEC Enclosures	DTM EEC Enclosures
A	EEC-5X650A	EEC-325X4A*
B	EEC-5X650B	EEC-325X4B*



\* available in moulded clear Ultem® material  
\*\*\*\* - Modified part number

# Wedgelocks

## DT Series Wedgelocks

### Plug Wedgelocks

	W2S* W2S-P012*	Wedgelock for 2 Way plug *A, B, C, D keying available
	W3S* W3S-P012*	Wedgelock for 3 Way plug *J1939 keying available
	W4S* W4S-P012*	Wedgelock for 4 Way plug *A, B, C, D keying available
	W6S W6S-P012	Wedgelock for 6 Way plug
	W8S W8S-P012	Wedgelock for 8 Way plug
	W12S W12S-P012	Wedgelock for 12 Way plug

### Receptacle Wedgelocks

	W2P*	Wedgelock for 2 Way receptacle *A, B, C, D keying available
	W3P*	Wedgelock for 3 Way receptacle *J1939 keying available
	W4P*	Wedgelock for 4 Way receptacle *A, B, C, D keying available
	W6P	Wedgelock for 6 Way receptacle
	W8P	Wedgelock for 8 Way receptacle
	W12P	Wedgelock for 12 Way receptacle

## DTM Series Wedgelocks

### Plug Wedgelocks



	WM-2S*	Wedgelock for 2 Way plug *A, B, C keying available
	WM-3S	Wedgelock for 3 Way plug
	WM-4S	Wedgelock for 4 Way plug
	WM-6S	Wedgelock for 6 Way plug
	WM-8S	Wedgelock for 8 Way plug
	WM-12S	Wedgelock for 8 Way plug

### Receptacle Wedgelocks

	WM-2P*	Wedgelock for 2 Way receptacle *A, B, C keying available
	WM-3P	Wedgelock for 3 Way receptacle
	WM-4P	Wedgelock for 4 Way receptacle
	WM-6P	Wedgelock for 6 Way receptacle
	WM-8P	Wedgelock for 8 Way receptacle
	WM-12P	Wedgelock for 12 Way receptacle

## DTP Series Wedgelocks

### Plug Wedgelocks

	WP-2S	Wedgelock for 2 Way plug
	WP-4S	Wedgelock for 3 Way plug

### Receptacle Wedgelocks

	WP-2P	Wedgelock for 2 Way receptacle
	WP-4P	Wedgelock for 3 Way receptacle

# DT and DTM Series Backshells



The DEUTSCH DT and DTM Series Backshells are designed to snap onto and mate with all standard (basic plug and receptacles without modifications that affect the rear of the connector) DT and DTM Series connectors. The rigid, durable backshells offer a high level of protection and allow convoluted tubing to nest within the rear of the backshell. Straight (180°) and right angle (90°) versions and backshells with strain relief for jacketed cable are also available.

Since the backshells are designed to work with the standard DT and DTM connectors, tests should be conducted for fit and function of a backshell being used on any part with a modification.

## DT Series Receptacle Backshells

Connector	Style	Strain Relief	Tubing size (mm)	Part Number
DT04-2P	180°		6, 7.5, 8.5, and 10	1011-229-0205
	180°	X	6, 7.5, 8.5, and 10	1011-257-0205
	90°		6, 7.5, 8.5, and 10	1011-230-0205
	90°	X	6, 7.5, 8.5, and 10	1011-258-0205
DT04-3P	180°		6, 7.5, 8.5, and 10	1011-233-0305
	180°	X	6, 7.5, 8.5, and 10	1011-261-0305
	90°		6, 7.5, 8.5, and 10	1011-234-0305
	90°	X	6, 7.5, 8.5, and 10	1011-262-0305
DT04-4P	180°		6, 7.5, 8.5, and 10	1011-237-0405
	180°	X	6, 7.5, 8.5, and 10	1011-265-0405
	90°		6, 7.5, 8.5, and 10	1011-238-0405
	90°	X	6, 7.5, 8.5, and 10	1011-266-0405
DT04-6P	180°		8.5, 10, and 13	1011-241-0605
	180°	X	8.5, 10, and 13	1011-269-0605
	90°		8.5, 10, and 13	1011-242-0605
	90°	X	8.5, 10, and 13	1011-270-0605
DT04-08P*	180°		8.5, 10, and 13	1011-245-0805
	90°		8.5, 10, and 13	1011-246-0805
DT04-12P*	180°		10, 13, and 17	1011-249-1205
	90°		10, 13, and 17	1011-250-1205

## DTM Series Backshells

Connector	Style	Tubing size (mm)	Part Number
DTM*04-2P	180°	7.5 and 8.5	1028-021-0205
DTM06-2S	180°	7.5 and 8.5	1011-273-0205
DTM*06-2S	180°	8.5	1028-041-0205
DTM*04-3P	180°	8.5	1028-024-0305
DTM*06-3S	180°	8.5	1028-005-0305
DTM*04-4P	180°	8.5	1028-027-0405
DTM*06-4S	180°	8.5	1028-008-0405

## DT Series Plug Backshells

Connector	Style	Strain Relief	Tubing size (mm)	Part Number
DT06-2S	180°		6, 7.5, 8.5, and 10	1011-227-0205
	180°	X	6, 7.5, 8.5, and 10	1011-255-0205
	90°		6, 7.5, 8.5, and 10	1011-228-0205
	90°	X	6, 7.5, 8.5, and 10	1011-256-0205
	90°	X	6, 7.5, 8.5, and 10	1011-256-0205
DT06-3S	180°		6, 7.5, 8.5, and 10	1011-231-0305
	180°	X	6, 7.5, 8.5, and 10	1011-259-0305
	90°		6, 7.5, 8.5, and 10	1011-232-0305
	90°	X	6, 7.5, 8.5, and 10	1011-260-0305
DT06-4S	180°		6, 7.5, 8.5, and 10	1011-235-0405
	180°	X	6, 7.5, 8.5, and 10	1011-263-0405
	90°		6, 7.5, 8.5, and 10	1011-236-0405
	90°	X	6, 7.5, 8.5, and 10	1011-264-0405
DT06-6S	180°		8.5, 10, and 13	1011-239-0605
	180°	X	8.5, 10, and 13	1011-267-0605
	90°		8.5, 10, and 13	1011-240-0605
	90°	X	8.5, 10, and 13	1011-268-0605
DT06-08S*	180°		8.5, 10, and 13	1011-243-0805
	90°		8.5, 10, and 13	1011-244-0805
DT06-12S*	180°		10, 13, and 17	1011-247-1205
	90°		10, 13, and 17	1011-248-1205
DT06-12S*-* DT06-12S*-****	180°		13 and 17	1028-043-1205

Connector	Style	Tubing size (mm)	Part Number
DTM06-6S	180°	10 and 13	1028-011-0605
DTM06-08S*	180°	10 and 13	1028-013-0805
DTM04-12P*	180°	13 and 17	1028-034-1205
DTM06-12S*	180°	13 and 17	1028-015-1205
Adapter for 2, 3, and 4 pin	90°	7.5 and 8.5	1028-016-0005
Adapter for 6 and 8 pin	90°	10 and 13	1028-017-0005

\* A, B, C, D and E keying options

Note: 1028-043-1205 backshell is designed to fit on 12 Way plugs with modifications

# DTHD Series

## Plugs and Receptacles

DTHD connectors are single terminal connectors for heavy duty applications. Easy to install, environmentally sealed and compact in size, they are a simple, field serviceable alternative to a splice.

DTHD connectors are available in three sizes, carry 25 to 100 amps and can be mounted or used in-line.

No. of Positions	Contact Size	Plug	Receptacle
1	12	DTHD06-1-12S	DTHD04-1-12P
1	8	DTHD06-1-8S	DTHD04-1-8P
1	4	DTHD06-1-4S	DTHD04-1-4P



# HD10 Series

## Plugs and Receptacles

The HD10 Series is an environmentally sealed, thermoplastic and cylindrical connector series. With arrangements from 3 to 9 cavities, HD10 connectors accept size 4, 12, or 16 contacts and are available either in-line or flanged. HD10 connectors are heavily used for diagnostic applications and are available with or without a coupling ring.



No. of Positions	Contact Size	Rear Threads	Plug	Receptacle In-line	Receptacle Flange
3	16	No	HD16-3-16S	HD14-3-16P	-
		Yes	HD16-3-96S	HD14-3-96P	HD10-3-96P
4	4/16	Yes	HD16-4-4S	-	HD10-4-4P
5	16	No	HD16-5-16S	HD14-5-16P	HD10-5-16P
6	16	Yes	HD16-6-96S	HD14-6-96P	HD10-6-96P
6	12	Yes	HD16-6-12S-B010	HD14-6-12P	HD10-6-12P
9	16	No	HD16-9-16S	HD14-9-16P	HD10-9-16P
		Yes	HD16-9-96S	HD14-9-96P	HD10-9-96P
9 (1939)	16	Yes	HD16-9-1939S	HD14-9-1939P	HD10-9-1939P

# HD30 and HDP20 Series

## Plugs and Receptacles

Designed specifically for the truck, bus and off-highway industry, the HD30 and HDP20 Series are heavy duty, environmentally sealed, multi-pin circular connectors. Available in metal or thermoplastic housings, these connectors offer multiple pin configurations that accept contact sizes 4 through to 20.

The HD30 is a metal shell while the HDP20 Series shells are thermoplastic. Both feature quick connect-disconnect bayonet coupling, single hole bulkhead mounting, silicone seals and a rear insertion/rear removal contact system.

**HD30**  
Metal Shell



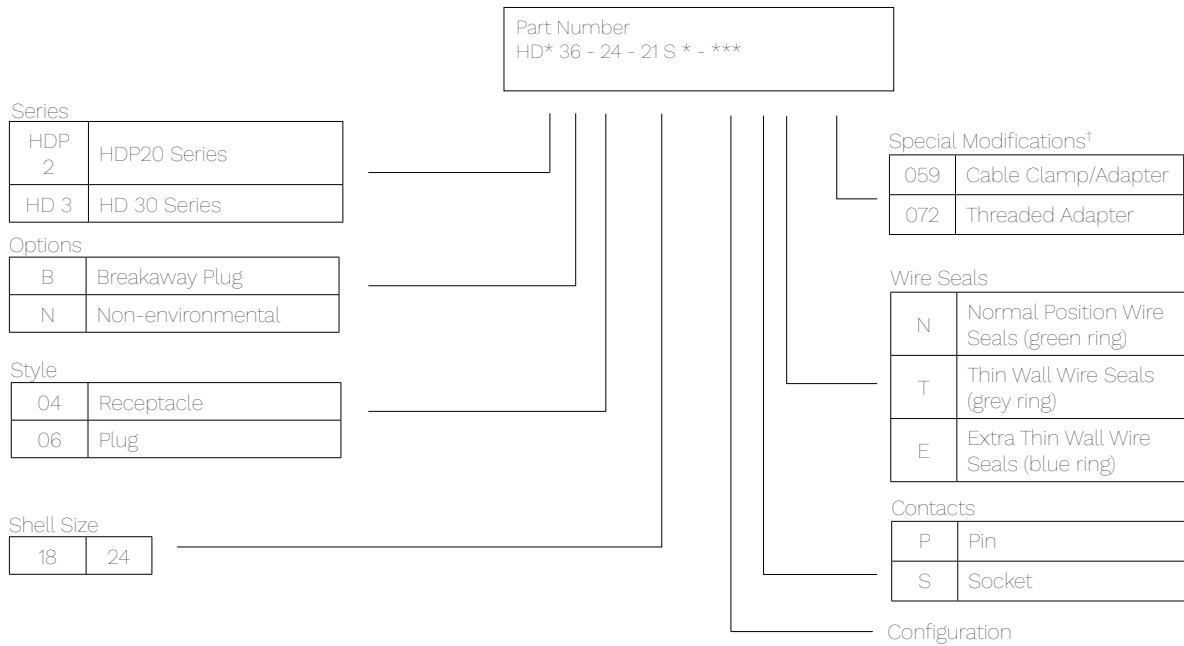
**HDP20**  
Thermoplastic Shell



Shell Size Position	Series	Plug Standard Diameter Seal	Receptacle Standard Diameter Seal	Plug Reduced Diameter Seal	Receptacle Reduced Diameter Seal
18-6	HDP20	HDP26-18-6SN	HDP24-18-6PN	HDP26-18-6SE	HDP24-18-6PE
	HD30	HD36-18-6SN	HD34-18-6PN	HD36-18-6SE	HD34-18-6PE
18-8	HDP20	HDP26-18-8SN	HDP24-18-8PN	HDP26-18-8SE	HDP24-18-8PE
	HD30	HD36-18-8SN	HD34-18-8PN	HD36-18-8SE	HD34-18-8PE
18-14	HDP20	HDP26-18-14SN	HDP24-18-14PN	HDP26-18-14SE	HDP24-18-14PE
	HD30	HD36-18-14SN	HD34-18-14PN	HD36-18-14SE	HD34-18-14PE
18-20	HDP20	HDP26-18-20SN	HDP24-18-20PN	HDP26-18-20SE	HDP24-18-20PE
	HD30	HD36-18-20SN	HD34-18-20PN	HD36-18-20SE	HD34-18-20PE
18-21	HDP20	HDP26-18-21SN	HDP24-18-21PN	HDP26-18-21SE	HDP24-18-21PE
	HD30	HD36-18-21SN	HD34-18-21PN	HD36-18-21SE	HD34-18-21PE
24-7	HDP20	HDP26-24-7SN	HDP24-24-7PN	HDP26-24-7SE	HDP24-24-7PE
	HD30	HD36-24-7SN	HD34-24-7PN	HD36-24-7SE	HD34-24-7PE
24-91- P064	HDP20	HDP26-24- 91SN-P064	HDP24-24- 91PN-P064	-	-
24-9	HDP20	HDP26-24-9SN	HDP24-24-9PN	HDP26-24-9SE	HDP24-24-9PE
	HD30	HD36-24-9SN	HD34-24-9PN	HD36-24-9SE	HD34-24-9PE
24-14	HDP20	HDP26-24-14SN	HDP24-24-14PN	HDP26-24-14SE	HDP24-24-14PE
	HD30	HD36-24-14SN	HD34-24-14PN	HD36-24-14SE	HD34-24-14PE
24-16	HDP20	HDP26-24-16SN	HDP24-24-16PN	HDP26-24-16SE	HDP24-24-16PE
	HD30	HD36-24-16SN	HD34-24-16PN	HD36-24-16SE	HD34-24-16PE
24-18	HDP20	HDP26-24-18SN	HDP24-24-18PN	HDP26-24-18SE	HDP24-24-18PE
	HD30	HD36-24-18SN	HD34-24-18PN	HD36-24-18SE	HD34-24-18PE
24-19	HDP20	HDP26-24-19SN	HDP24-24-19PN	HDP26-24-19SE	HDP24-24-19PE
	HD30	HD36-24-19SN	HD34-24-19PN	HD36-24-19SE	HD34-24-19PE
24-21	HDP20	HDP26-24-21SN	HDP24-24-21PN	HDP26-24-21SE	HDP24-24-21PE
	HD30	HD36-24-21SN	HD34-24-21PN	HD36-24-21SE	HD34-24-21PE
24-23	HDP20	HDP26-24-23SN	HDP24-24-23PN	HDP26-24-23SE	HDP24-24-23PE
	HD30	HD36-24-23SN	HD34-24-23PN	HD36-24-23SE	HD34-24-23PE
24-29	HDP20	HDP26-24-29SN	HDP24-24-29PN	HDP26-24-29SE	HDP24-24-29PE
	HD30	HD36-24-29SN	HD34-24-29PN	HD36-24-29SE	HD34-24-29PE
24-31	HDP20	HDP26-24-31SN	HDP24-24-31PN	HDP26-24-31SE	HDP24-24-31PE
	HD30	HD36-24-31SN	HD34-24-31PN	HD36-24-31SE	HD34-24-31PE
24-33	HDP20	HDP26-24-33SN	HDP24-24-33PN	HDP26-24-33SE	HDP24-24-33PE
	HD30	HD36-24-33SN	HD34-24-33PN	HD36-24-33SE	HD34-24-33PE
24-35	HDP20	HDP26-24-35SN	HDP24-24-35PN	HDP26-24-35SE	HDP24-24-35PE
	HD30	HD36-24-35SN	HD34-24-35PN	HD36-24-35SE	HD34-24-35PE
24-47	HDP20	HDP26-24-47SN	HDP24-24-47PN	HDP26-24-47SE	HDP24-24-47PE
	HD30	HD36-24-47SN	HD34-24-47PN	HD36-24-47SE	HD34-24-47PE

# HD30 and HDP20 Part Numbers

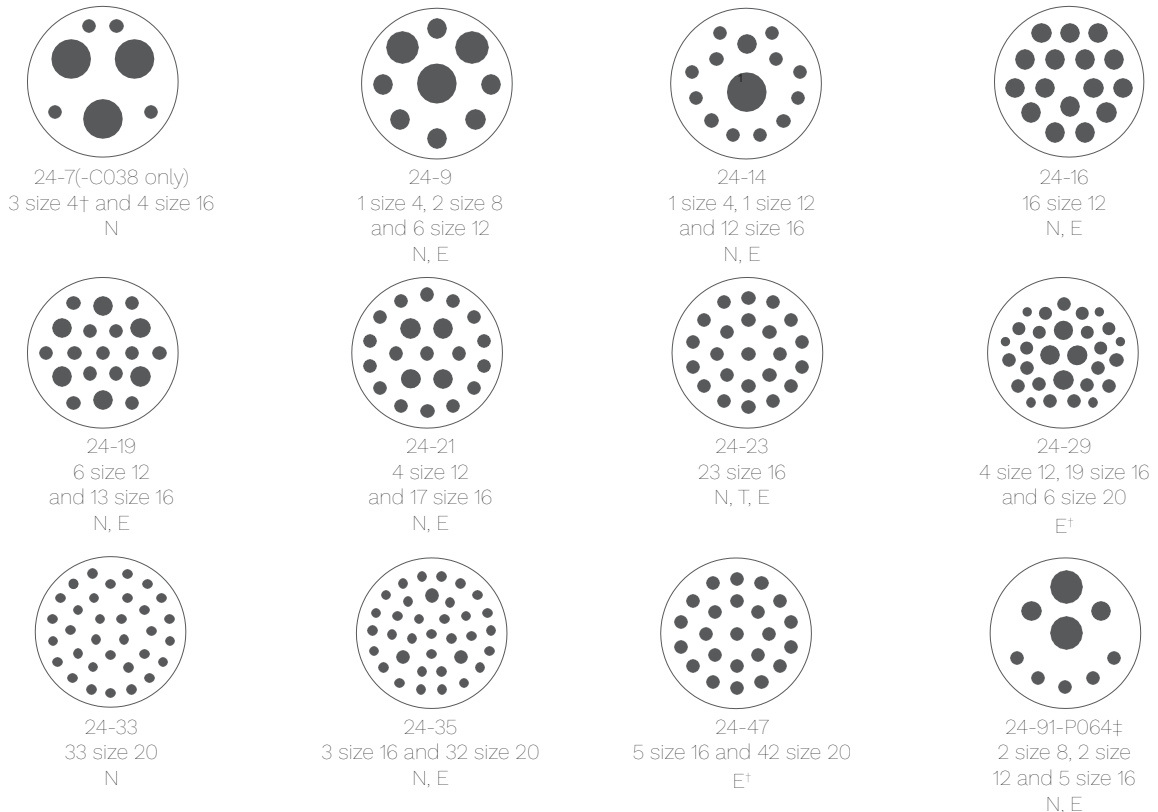
## Key Options



## 18 Shell Size Configurations



## 24 Shell Size Configurations



†Special modifications are available upon request

‡Requires size 4 contact part numbers, 5960-203-04\*\*(pin) and 5962-203-04\*\*(socket)

‡Without P064 modification, plug cavities 4 and 5 are internally connected

# DEUTSCH Accessories

## Hand Solid/Stamped and Formed Tools



Part Number	DTT-20-00	DTT-20-02	DTT-16-00	DTT-16-01	DTT-16-02	DTT-12-00
Solid/ Stamped and Formed	Stamped and Formed	Stamped and Formed	Stamped and Formed	Stamped and Formed	Stamped and Formed	Stamped and Formed
Contact Size	20	20	16	16	16	12
AWG	16-20	18-22	14-16	18-20	12-16	12-14



Part Number	DTT-12-01	HDT-04-08	HDT-48-00	HDT-1561	HDT-50-00
Solid/ Stamped and Formed	Stamped and Formed	Sold	Solid	Solid	Solid
Contact Size	12	4, 8	12, 16, 20	12, 16, 20	12, 16, 20
AWG	10	4-10	12-22	12-20	12-22

## Extraction Tools



Part Number	0411-027-0405	0411-353-0805	0411-337-1205	0411-291-1405	0411-310-1605	0411-336-1605	0411-240-2005
Series	HD30 Series HDP20 Series	HD30 Series HDP20 Series DTHD Series	HD30 Series HDP20 Series HD10 Series	HD30 Series HDP20 Series HD10 Series DRC Series AEC Series Jiffy Splice	HD30 Series HDP20 Series HD10 Series DRC Series AEC Series Jiffy Splice	HD30 Series HDP20 Series HD10 Series DRC Series AEC Series	HD30 Series HDP20 Series DRC Series
Wire Size	4	8, 10	12, 14	14, 16	16, 18	16, 18	20, 22
Colour	Black	Green	Orange	Green	Light Blue	Dark Blue	Red
Material	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Contact Size	4	8	12	16	16	16	20
Seal Size	Standard	Standard	E-seal	Standard	Standard	E-seal	Standard

## Multi-Use Extraction Tool



Part Number	114008	114009	114010
Series	HD30 Series HDP20 Series DT Series	HD30 Series HDP20 Series DT Series	HD30 Series HDP20 Series DRC Series
Wire Size	8-10	6	12
Colour	Green	White	Yellow
Material	Plastic	Plastic	Plastic
Contact Size	8	4	12
Seal Size	Standard	Standard	Standard



Part Number	DT-RT1
Series	DT Series DTM Series DTP Series DRB Series DTV Series STRIKE Series
Colour	Burgundy
Material	Plastic, Metal

# DEUTSCH Accessories

## Wire Seal



Part Number	0410-241-0406	WS-25-001	WS-32-001	WS-35-001
Series	Solid Contacts	DTSK Series	DTSK Series	DTSK Series
Colour	Orange	Blue	Red	Green
Material	Silicone Rubber	VMQ	VMQ	VMQ

## Sealing Plugs



Part Number	114017	114018	114019	0413-003-1605	0413-217-1605	0413-204-2005
Series	HD30 Series HDP20 Series HD10 Series DRC Series DT Series DTP Series DTHD Series DRB Series DTV Series AEC Series STRIKE Series	HD30 Series HDP20 Series DTHD Series DRB Series	HD30 Series HDP20 Series HD10 Series DTHD Series DRB Series	STRIKE Series	HD30 Series HDP20 Series HD10 Series DRC Series DT Series DRB Series AEC Series STRIKE Series	HD30 Series HDP20 Series DRC Series DTM Series DRB Series STRIKE Series
Keyed	No	No	No	No	No	No
Colour	White	White	Orange	Blue	White	Red
Material	Plastic	Plastic	Rubber	Plastic	Plastic	Plastic
Contact Size	12, 16	8	4	16	16	20

## Contacts



Size	Pin	Socket	Wire Size AWG	Recommended Strip Inches (mm)
22	6860-201-22278	6862-201-22278	22, 24, 26	.160-.190 (4.06-4.83)
20	6860-201-20278	6862-201-20278	20, 22, 24	.230-.260 (5.84-6.60)
16	6860-201-16278	6862-201-16278	16, 18, 20	.230-.260 (5.84-6.60)

## Flange Mount

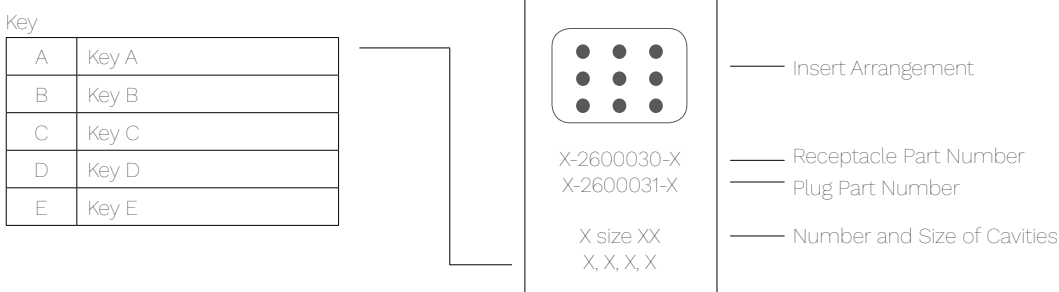
Part Number	DTSKF-1
Series	DTSK Series DTHD Series



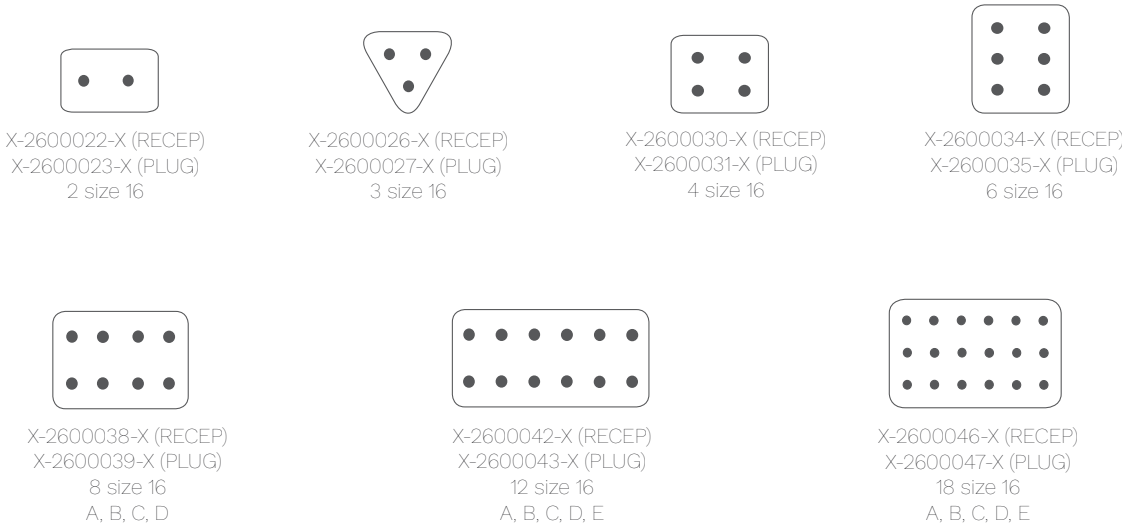


# DT-XT Part Numbers

## Key Options

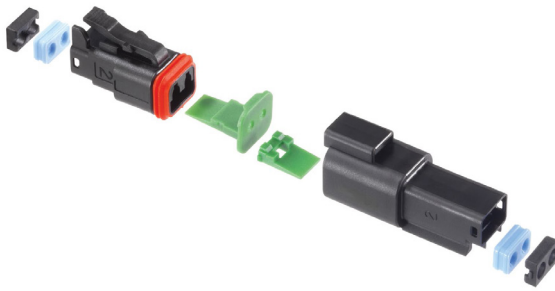


## DT-XT Series Configurations



# DT-XT Series

## Plugs



DEUTSCH's DT-XT connector system is a new extension of TE Connectivity's (TE) DEUTSCH connector portfolio featuring high-performance sealing technology for commercial vehicle applications. TE's DT-XT connector system, provides advanced seal materials offering greater flexibility, leading to improved tear resistance, while a rear seal cover protects against water ingress.

No. of Positions	Colour	Key	Small Seal	Large Seal	Small Seal & HS	Black Receptacle Reduced Diameter Seals
2	Black		2600023-1	1-2600023-0	1-2600023-9	2-2600023-8
	Grey		2600023-2	1-2600023-1	2-2600023-0	2-2600023-9
	Blue		2600023-4	1-2600023-3	2-2600023-2	3-2600023-1
	White		2600023-6	1-2600023-5	2-2600023-4	3-2600023-3
3	Black		2600027-1	1-2600027-0	1-2600027-9	2-2600027-8
	Grey		2600027-2	1-2600027-1	2-2600027-0	2-2600027-9
	Blue		2600027-4	1-2600027-3	2-2600027-2	3-2600027-1
	White		2600027-6	1-2600027-5	2-2600027-4	3-2600027-3
4	Black		2600031-1	1-2600031-0	1-2600031-9	2-2600031-8
	Grey		2600031-2	1-2600031-1	2-2600031-0	2-2600031-9
	Blue		2600031-4	1-2600031-3	2-2600031-2	3-2600031-1
	White		2600031-6	1-2600031-5	2-2600031-4	3-2600031-3
6	Black		2600035-1	1-2600035-0	1-2600035-9	2-2600035-8
	Grey		2600035-2	1-2600035-1	2-2600035-0	2-2600035-9
	Blue		2600035-4	1-2600035-3	2-2600035-2	3-2600035-1
	White		2600035-6	1-2600035-5	2-2600035-4	3-2600035-3
8	Black	Key A	2600039-2	2600039-7	1-2600039-2	1-2600039-7
		Key B	2600039-3	2600039-8	1-2600039-3	1-2600039-8
	Grey	Key A	2600039-1	2600039-6	1-2600039-1	1-2600039-6
12	Black	Key A	2600043-2	2600043-8	1-2600043-4	2-2600043-0
		Key B	2600043-3	2600043-9	1-2600043-5	2-2600043-1
	Grey	Key A	2600043-1	2600043-7	1-2600043-3	1-2600043-9
		Key E	2600043-6	1-2600043-2	1-2600043-8	2-2600043-4
18	Black	Key A	2600047-1		2600047-6	
		Key B	2600047-2		2600047-7	
		Key C	2600047-3		2600047-8	
		Key D	2600047-4		2600047-9	
		Key E	2600047-5		1-2600047-0	

# DT-XT Series

## Receptacles

No. of Positions	Colour	Key	Small Seal	Large Seal	Small Seal & HS	Black Receptacle Reduced Diameter Seals
2	Black		2600022-1	2600022-2	1-2600022-1	2-2600022-1
	Grey		1-2600022-2	2600022-3	1-2600022-3	2-2600022-2
	Blue		3-2600022-1	2600022-5	1-2600022-5	2-2600022-5
	White		3-2600022-3	2600022-7	1-2600022-7	2-2600022-7
3	Black		2-2600026-1	3-2600026-0	2600026-3	1-2600026-2
	Grey		2-2600026-2	3-2600026-1	2600026-4	1-2600026-3
	Blue		2-2600026-4	3-2600026-3	2600026-6	1-2600026-5
	White		2-2600026-6	3-2600026-5	2600026-8	1-2600026-7
4	Black		2600030-1	1-2600030-0	1-2600030-9	2-2600030-8
	Grey		2600030-2	1-2600030-1	2-2600030-0	2-2600030-9
	Blue		2600030-4	1-2600030-3	2-2600030-2	3-2600030-1
	White		2600030-6	1-2600030-5	2-2600030-4	3-2600030-3
6	Black		2600034-1	1-2600034-0	1-2600034-9	2-2600034-8
	Grey		2600034-2	1-2600034-1	2-2600034-0	2-2600034-9
	Blue		2600034-4	1-2600034-3	2-2600034-2	3-2600034-1
	White		2600034-6	1-2600034-5	2-2600034-4	3-2600034-3
8	Black	Key A	2600038-2	2600038-7	1-2600038-2	1-2600038-7
		Key B	2600038-3	2600038-8	1-2600038-3	1-2600038-8
	Grey	Key A	2600038-1	2600038-6	1-2600038-1	1-2600038-6
12	Black	Key A	2600042-2	2600042-7	1-2600042-2	1-2600042-7
		Key B	2600042-3	2600042-8	1-2600042-3	1-2600042-8
	Grey	Key A	2600042-1	2600042-6	1-2600042-1	1-2600042-6
18	Black	Key A	2600046-1		2600046-6	
		Key B	2600046-2		2600046-7	
		Key C	2600046-3		2600046-8	
		Key D	2600046-4		2600046-9	
		Key E	2600046-5		1-2600046-0	

## Contacts for DT-XT Series

Finish	Socket	Wire Size AWG (mm <sup>2</sup> )	Wire Crimp		Insulation Crimp	
			A	B	C	D
Gold	5-2600021-5	20-24 AWG	2.02	2.25	2.6	2.43
Nickel	5-2600021-3	20-24 AWG	2.02	2.25	2.6	2.43
Gold	4-2600021-5	16-20 AWG	2.9	3.71	2.92	3.4
Nickel	4-2600021-3	16-20 AWG	2.9	3.71	2.92	3.4
Gold	3-2600021-5	14-18 AWG	3.43	4.05	4.6	5.68
Nickel	3-2600021-3	14-18 AWG	3.43	4.05	4.6	5.68
Gold	2-2600021-5	14-18 AWG	3.27	3.95	3.38	4.57
Nickel	2-2600021-3	14-18 AWG	3.27	3.95	3.38	4.57
Gold	1-2600021-5	16-18 AWG	2.85	3.64	2.82	3.48
Nickel	1-2600021-3	16-18 AWG	2.85	3.64	2.82	3.48

# DEUTSCH Part Number Modification List

Part Number	Series	Description
A004	DRC	Receptacle with moulded-in PCB pins, 24 and 40 way
A006	DRC	Receptacle with moulded-in PCB pins, 40 way, #40 pin removed
B009	HD10	Receptacle with raised key removed from front of flange, no rear threads
B010	HD10	Plug with coupling ring added
B016	DT, DT13/15	Receptacle has extended shell and enhanced keys, plug has enhanced seal retention (P012), 12 way
B019	HD30	Custom snap ring mount
B022	HD10	Receptacle with D-hole panel mount, rear threads, J1939, black
B025	HD10	Receptacle with D-hole panel mount, no rear threads, black
B026	DTMF	PCB receptacle with alternate keying, requires plugs with WM-12S-B026 wedgelocks
B028	DT15	5 P.S.I rating
BE02	DT	Receptacle with extended shell and enhanced keys (B016), end cap
BE03	DT	Receptacle with extended shell and enhanced keys (B016), end cap, black
BE04	DT	Receptacle with extended shell and enhanced keys (B016), end cap, reduced diameter seals (E seal), black
BE05	DT	Receptacle with extended shell and enhanced keys (B016), end cap, sealed flange, reduced diameter seals (E seal), threaded stainless steel flange inserts
BL04	DT	Receptacle with extended shell and enhanced keys (B016), welded flange
BL08	DT	Receptacle with extended shell and enhanced keys (B016), welded flange, black
BL10	DT	Receptacle with extended shell and enhanced keys (B016), sealed flange, reduced diameter seals (E seal), shrink boot adapter, threaded stainless steel flange inserts
BL11	DT	Receptacle with extended shell and enhanced keys (B016), sealed flange, reduced diameter seals (E seal), end cap, threaded stainless steel flange inserts
BP03	HD10	Receptacle with D-hole panel mount, J1939 Type II, green
C008	DT	Cavity blocked (C)
C012	HD30	Cavities blocked (J, P)
C015	DT, DTP	Reduced diameter seals (E seal)
C016	HD10	Cavities blocked (H, J) - HD10 Series 9 way
C017	DT, DTM, DTP	Solid rear grommet
C018	HD30	Cavities blocked (11, 18, 19), N/E seal options
C019	HD30	Cavities blocked (1, 2, 8, 9), N/E seal options
C020	HD30	Cavities blocked (A, D), N/E seal options
C021	HD30	Cavities blocked (A, B, C, D)
C022	HD30	Cavities blocked (A, D, J, M), with reduced diameter seals (E seal)
C024	HD10	Cavities blocked (B, C, D)
C026	DRC	Cavities blocked, 50 way
C030	HD30, HDP20	Four size 16 cavities blocked (1, 2, 5, 6)
C038	HD30, HDP20	Three size 4, four size 16, requires special size 4 AWG contacts
C041	HDP20	Receptacle with diagnostic keying
CE01	DT	Reduced diameter seals (E seal), end cap
CE02	DT, DTP	Reduced diameter seals (E seal), black
CE03	DT	Reduced diameter seals (E seal), end cap, black
CE04	DT	Reduced diameter seals (E seal), shrink boot adapter
CE05	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), end cap
CE06	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012)
CE07	DT	Receptacle with extended shell and enhanced keys (B016), reduced diameter seals (E seal), end cap
CE08	DT	Receptacle with extended shell and enhanced keys (B016), reduced diameter seals (E seal)
CE09	DT	Reduced diameter seals (E seal), shrink boot adapter, black
CE10	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), black
CE11	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), end cap, black
CE12	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), shrink boot adapter, black

# DEUTSCH Part Number Modification List

Part Number	Series	Description
CE13	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), shrink boot adapter
CE14	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), latch guard end cap, black
CE27	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), for use with integrated LED wedgelock, end cap, transparent PEI
CE28	DT	Plug with reduced diameter seals (E seal), enhanced seal retention (P012), for use with integrated LED wedgelock, transparent PEI
CL01	HD30	Cavities blocked (J, Q, R, S, X), adapter for cable clamp (072)
CL03	DT	Reduced diameter seals (E seal), welded flange
CL06	DT	Reduced diameter seals (E seal), welded flange, black
CL07	DT	Reduced diameter seals (E seal), sealed flange, shrink boot adapter
CL08	DT	Reduced diameter seals (E seal), welded flange, end cap, disabled latch
CL09	DT	Reduced diameter seals (E seal), sealed flange, end cap, black
CL15	DT	Reduced diameter seals (E seal), welded flange, black
CL20	HDP20	Plug with diagnostic keying
CL22	HDP20	Receptacle with diagnostic keying
CG01	DRC	5 mm threaded insert with silver plating, moulded-in contacts, outside rows gold
CP01	DT	All cavities plugged, enhanced seal retention (P012), end cap
E003	DT, DTHD, DTM, DTP	End cap DTM, DTP
E004	DT, DTM, DTP, HD10	Black
E005	DT, DTM, DTP	Black, end cap
E007	DTM	Shrink boot adapter
E008	DT	Shrink boot adapter
E009	DRC	24 way and 40 way receptacle, B keys, housing is grey, flange is black
E016	EEC	Standard EEC box, moulded-in transparent PEI material
E019	AEC	Backshell adapter
EE01	DT	Shrink boot adapter, black
EE03	DTM	Shrink boot adapter, black
EE04	DTM	High temp, black
EE05	DT	High temp, enhanced seal retention (P012) on plug, end cap, black
EF01	DT	Fluorosilicone front seals, end cap
EF02	DT	Fluorosilicone front seals, latch guard end cap
EK02	DT	Plug, 18 cavity DT with 18 size 16 contacts, enhanced seal retention (P012), end cap, 'A' key is grey, 'B' key is black, 'C' key is green, 'D' key is brown
EP04	DT	End cap (same as E003 mod)
EP05	DT	Latch guard end cap
EP06	DT	Plug with enhanced seal retention (P012), end cap
EP07	DT	Plug with enhanced seal retention (P012), black
EP08	DT	Plug with enhanced seal retention (P012), end cap, black
EP09	DT	Plug with enhanced seal retention (P012), latch guard end cap, black
EP10	DT, DTM	120 ohm terminating resistor (J1939), black
EP11	DT	Plug with enhanced seal retention (P012), shrink boot adapter, black
EP12	DT	Bussed receptacle, 4 and 6 way only, 1 buss, black, gold plated pins
EP13	DT	Bussed receptacle, 4 and 6 way only, 1 buss, black, nickel plated pins
EP14	DT	Bussed receptacle, 6 way, 2 busses, black, nickel plated pins
EP20	DT	Plug with enhanced seal retention (P012), shrink boot adapter
F001	HDN	Inserts within connector made of PEI
G001	DRC	Gold plated pins
G002	DRC	Outside rows of pins are gold plated and rest are tin plated
G003	DT13/15, DTM13/15	Gold plated pins

# DEUTSCH Part Number Modification List

Part Number	Series	Description
G004	DRC	Interface side pins are nickel plated, PCB side pins are tin plated
G005	DRCP	Tin plated signal pins, tin plated power pins
GC03	DRCP	Gold plated signal pins, depopulated power pins
GC05	DRCP	Tin plated signal pins, depopulated power pins
GR01	DTM13 (EEC headers)	Snap-in DTM PCB mounted header for DTM EEC enclosure, 12 and 24 pins, gold plated pins
H001	HD30	Plated with yellow chromate conversion
HL01	HD30	Dust cap plated with yellow chromate conversion, sash chain with eyelet for #10 screw
HL02	HD30	Adapter for cable clamp (-072) plated with yellow chromate conversion
J001	HD30	Reverse cavity marking identification on grommet
J059	HD30	Reverse cavity marking identification on grommet, cable clamp (-059)
K001	AEC	Moulded-in shell marking, remove blue stripe, end cap
K003	DT16	Plug, 15 cavity DT with two size 12 contacts and 13 size 16 contacts, enhanced seal retention (P012), end cap, black
K004	DT16	Plug, 18 cavity DT with 18 size 16 contacts, enhanced seal retention (P012), end cap, black
KP01	DT16	Plug, six cavity DT with six size 16 contacts, enhanced seal retention (P012), end cap, green
L001	HD30	Same as -059 (cable clamp)
L003	HD30	Cable clamp adapter (-072)
L005	HD30	Cable clamp adapter (-072) without drain holes
L006	HD30	-059 modification using adapter without drain holes
L009	DTHD	Sealed flange, inside mount
L011	DRC	Wire router
L012	DT, DTP, DTM	Welded flange
L013	DTHD	Sealed flange, outside mount
L015	HDP20	Threaded adapter for backshell strain relief
L017	HDP20	Ring adapter for backshell strain relief
L018	DRB	Wire router
L020	HD30	Removes #10 eyelet from the dust cap chain
L024	HDP20	Wide threaded adapter for backshell strain relief
L072	HD30	Adapter ring
LC01	DT	Reduced diameter seals (E seal), enhanced seal retention (P012), black, DIN backshell adapter
LE01	DT	Sealed flange, inside mount, gasket, end cap
LE03	DT	Sealed flange, outside mount, o-ring sold separately, end cap, NOTE: DT04-08PA-LE03 comes with shrink boot adapter and o-ring on flange
LE05	DT	Sealed flange, inside mount, gasket, end cap
LE06	DT	Sealed flange, inside mount, reduced diameter seals (E seal), end cap
LE07	DT, DTP	Welded flange, end cap
LE08	DT	Welded flange, shrink boot adapter, grey
LE09	DT	Sealed flange, o-ring, end cap, black
LE10	DT	Sealed flange, inside mount, gasket, end cap, black
LE11	DT	Welded flange, end cap, black
LE12	DT	Welded flange, shrink boot adapter, black
LE13	DT	Special adapter, round housing, end cap
LE14	DT	Welded flange, black
LE17	DT	Receptacle with extended shell and enhanced keys (B016), sealed flange, gasket sold separately, end cap, black
LE21	DT	Receptacle with extended shell and enhanced keys (B016), sealed flange, reduced diameter seals (E seal), end cap, one piece connector design, threaded stainless steel flange inserts
N005	HD10	Receptacle with moulded-in PCB pins, modified shell
N006	DT	Receptacle with 90° moulded-in contacts
N012	DRC	Receptacle, one piece connector design

# DEUTSCH Part Number Modification List

Part Number	Series	Description
P004	DT	Standard series connectors
P005	AEC	Special oversized seal on AEC Series plugs and dust caps
P006	DT, DTM	120 ohm terminating resistor (J1939)
P007	DT, DTM	Receptacle 'Y' connector (J1939)
P012	DT	Plug with enhanced seal retention, 2-6 way are black, 8 and 12 way 'A' key is grey, 'B' key is black, 'C' key is green, 'D' key is brown
P013	DRC	Plug with bonded front seal, silicone adhesive
P016	DT	Bussed receptacle, 12 way, gold plated contacts
P017	DRC	Stainless steel retention clip for jackscrew
P018	DTP	Receptacle with 12 AWG wires attached
P019	DRC	Zinc chromate retention clip for jackscrew
P021	DT	Bussed receptacle, 6, 8, and 12 way, one buss, nickel plated pins
P026	DT	Bussed receptacle, 8 and 12 way, two busses, nickel plated pins
P027	DT	Bussed receptacle, 12 way, two busses, gold plated pins
P028	DT	Bussed receptacle, 8 way, two busses, nickel plated pins
P030	DT	Bussed receptacle, 12 way, four busses, nickel plated pins
P031	DT	Bussed receptacle, 12 way, four busses, gold plated pins
P032	DT	Integrated shrink boot adapter (J1939), black
P060	DT	Bussed receptacle, 2 way, one buss, nickel plated pins
P064	HD30, HDP20	24-91 arrangement without internal jumper
P075	DT	Bussed receptacle, 12 way, three busses, nickel plated pins
P080	HD10	J1939 Type II, green
PE01	DT	Latch guard, 120 ohm terminating resistor (J1939)
PP01	DT	Plug with enhanced seal retention (P012), 120 ohm terminating resistor (J1939), end cap, black
R004	DTM13	Custom enclosure header, 90° pins
R005	DTM13	Custom flange, 90° pins
R008	DTM13 (EEC headers)	Snap-in DTM PCB mounted header for DTM EEC enclosure, 12 and 24 pins
R015	DTM13 (EEC headers)	Snap-in DT PCB mounted header for DT EEC enclosure, 12, 24, 36, and 48 pins
RT01	DT	Receptacle with MUR 460 diode
RT02	DT	Receptacle with 1N5625GP diode
RT03	DT	Receptacle with MUR 460 diode, 4 way available
RT06	DT	Receptacle with Phillips T.V.S diode 1.5KE130CA, green
RT25	DT	Receptacle with 27k ohm resistor, black
059	HD30	Addition of threaded adapter and cable clamp assembly
072	HD30	Addition of threaded adapter
1E	HD30	Removes rivet and chain from protective dust cap

# XRC Series

## Plugs and Receptacles



TE Connectivity Extra Rugged Circular (XRC) connectors are designed to meet the demands of the industrial and commercial transportation industry. Designed for heavy-duty applications commonly found in truck, agricultural, construction, marine, and other industrial markets, the XRC connectors are rated IP67 and have an operating temperature range of -40° to +125°C.

Shell Size	Contact Size	Plug	Plug with Backshell Adapter	Receptacle	Receptacle with Backshell Adapter	Contact Arrangements
18	14		2600005-1		2600003-1	Standard
			2600000-1		2600006-1	Reverse
24	31	2600010-1	2600011-1	2600012-1	2600013-1	Standard
		2600008-1	2600009-1	2600014-1	2600015-1	Reverse

## Accessories

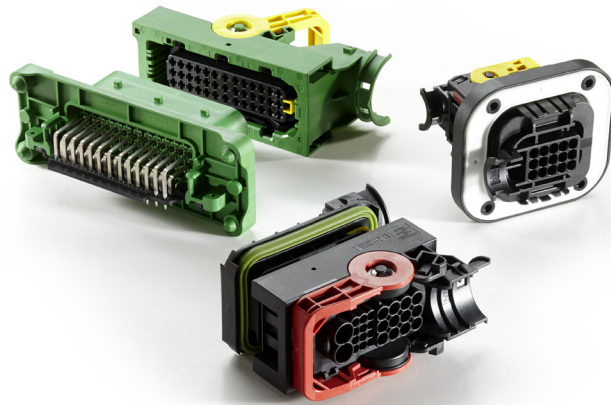
XRC Accessories		Part Number
18	Backshell Straight	2428-016-1805
	Backshell 90	2428-015-1805
	Panel Nut	2600002-1
	Panel Gasket	2600004-1
24	Backshell Straight	2600018-1
	Panel Nut	2600016-1
	Panel Gasket	2600017-1
Cavity Plug		2600019-1
Contact Removal Tool		0411-310-1605



# LEAVYSEAL Series

## Tabs and Receptacles

The rugged LEAVYSEAL Connectors are multi-pin and accept multiple wire sizes. LEAVYSEAL products utilize a lever lock system for mating and are available in several mounting styles and keying options. The housings come in six sizes and feature an integrated cable attachment.



No. of Positions	Keying	Housing Colour	Part Numbers				
			Receptacle Housing	In-line/Flange Tab Housing	PCB Tab Housing		
15	A	Black	1-1534126-1	1703799-1	-		
	B	Natural	2-1534126-1	-	-		
	C	Blue	3-1534126-1	-	-		
18	A	Black	1823440-2*	1-1823448-2*	-		
21	A	Black	1-1534127-1	1-2112162-1 (flange)	1534238-1 (straight)		
			1-2208688-1*				
	B	Natural	2-1534127-1	2-2112162-1	-		
	C	Blue	3-1534127-1	3-2112162-1	-		
22	D	Violet	4-1534127-1	4-2112162-1	-		
			A	Black	1-1823440-3*	1-1823449-1*	-
			B	Grey	2-1823440-3*	2-1823449-1*	-
			C	Blue	3-1823440-3*	-	-
26	A	Black	1-2112035-1*	1-2112041-1*	-		
				1-2112041-2*	-		
29	A	Black	1-1823402-1*	-	-		
	B	Grey	2-1823402-1*	-	-		
	C	Blue	3-1823402-1*	-	-		
31	A	Bordeaux	1-1564297-6	-	-		
			1-2208685-6*	-			
39	E	Emerald Green	5-1718321-3	5-1718323-1	5-1418363-1 (straight)		
			5-2208684-3*		5-1418363-3 (90°)		
	F	Fawn Brown	6-1718321-3	6-1718323-1	-		
			6-2208684-3*		-		
46	A	Black	1-2112231-1	-	-		
62	A	Black	1-1418883-1	1-1718324-1	1-1418362-1 (straight)		
			1-1823498-1*		-		
			1-1418362-3 (90°)		-		
	B	Grey	2-1418883-1	2-1718324-1	2-1418362-1 (straight)		
			2-1823498-1*		2-1418362-3 (90°)		
	C	Blue	3-1418883-1	3-1718324-1	-		
			3-1823498-1*		-		
			3-1418362-1 (straight)		-		
D	Green	4-1418883-1	-	-			
		4-1823498-1*		-			
92	A	Black	1-703998-1 (NW 26 wire exit)	-	1-1452228-9 (straight)		
			3-1703998-1 (NW 29 wire exit)				
	B	Black	4-1703998-1 (NW 29 wire exit)	-	-		
	C	Black	5-1703998-1 (NW 29 wire exit)	-	-		

\*VO rated material

# LEAVYSEAL Series

## Stamped and Formed Tabs

Size	Strip Form	Loose Piece	Wire Size (mm <sup>2</sup> )	Insulation Diameter (mm) FLR	Finish
1.5K	969028	969029	0.2-0.5	1.2-1.6	-2/-3
	964269	964270	0.5-1.0	1.4-2.1	-2/-3/-5
	1703278	1703279	1.5	1.9-2.4	-2/-5
2.8	965982	965983	0.2-0.5	max 2.1	1-xxx-1 1-xxx-3
	962915	963748	0.5-1.0	max 2.1	1-xxx-1 1-xxx-2 1-xxx-3 2-xxx-1 2-xxx-2 2-xxx-3
	962916	963749	1.5-2.5	max 3.0	1-xxx-1 1-xxx-2 1-xxx-3 2-xxx-1 2-xxx-2 2-xxx-3
	1719504	1719503	12 TXL	max 3.2	1-xxx-1 1-xxx-2
6.3/ 4.8K	962917	963742	0.5-1.0	1.4-2.1	1-xxx-1 1-xxx-2 2-xxx-1 2-xxx-2
	962918	963743	1.5-2.5	2.2-3.0	1-xxx-1 1-xxx-2 2-xxx-1 2-xxx-2
	962919	963744	>2.5-4.0	2.7-3.7	1-xxx-1 1-xxx-2 2-xxx-1 2-xxx-2

## Stamped and Formed Receptacles

Size	Strip Form	Loose Piece	Wire Size (mm <sup>2</sup> )	Insulation Diameter (mm) FLK	Insulation Diameter (mm) FLR	Finish
1.5K	1564324	1564325	0.2-0.5	-	1.1-1.4	-1/-2/-3
	1241380	1241381	0.5-1.0	-	1.4-2.1	-1/-2/-3 1-xxx-2*
	1418884	1418885	>1.0-1.5	-	2.2-2.4	-1/-3
2.8	968882	968896	0.35	-	1.2-1.4	1-xxx-1 1-xxx-3
	968855	968875	0.5-1.0	-	1.4-2.1	1-xxx-1 1-xxx-2 1-xxx-3
	968857	968876	>1.0-2.5	-	2.2-3.0	1-xxx-1 1-xxx-3
6.3/ 4.8K	1241410	1241411	0.35-0.5	1.3-2.3	1.2-1.6	-1/-3
	1241412	1241413	0.5-1.0	2.0-2.7	1.4-2.1	-1/-3
	1241414	1241415	0.35-0.5	2.7-3.7	2.2-3.0	-1/-3
	1241416	1241417	>2.5-4.0	4.1-4.5	3.4-3.7	-1/-3
	1241418	1241419	4.0-6.0	-	3.4-4.3	-4 1-xxx-3 2-xxx-3

# AMPSEAL Series

## Receptacle Housings

TE Connectivity AMPSEAL connectors provide rugged reliability and environmental sealing. They are available in cable plugs and PCB mount headers that are designed to stand up to high-temperature underhood applications. The pre-assembled receptacle housing connector features built-in contact sealing and an integral interfacial seal that protects mated connectors.

No. of positions	Colour	Contact Finish	Receptacle Housing	Right-Angle PCB Header		Vertical PCB Header	
				Without Seal	With Seal	Without Seal	With Seal
8	Black	Tin Plated	776286-1	776279-1	776280-1	776275-1	776276-1
		Gold Plated		1-776279-1	1-776280-1	1-776275-1	1-776276-1
	Natural	Tin Plated	776286-2	776279-2	776280-2	776275-2	776276-2
		Gold Plated		1-776279-2	1-776280-2	1-776275-2	1-776276-2
14	Black	Tin Plated	776273-1	776266-1	776267-1	776261-1	776262-1
		Gold Plated		1-776266-1	1-776267-1	1-776261-1	1-776262-1
	Natural	Tin Plated	776273-2	776266-2	776267-2	776261-2	776262-2
		Gold Plated		1-776266-2	1-776267-2	1-776261-2	1-776262-2
	Grey	Tin Plated	776273-4	776266-4	776267-4	776261-4	776262-4
		Gold Plated		1-776266-4	1-776267-4	1-776261-4	1-776262-4
	Blue	Tin Plated	776273-5	776266-5	776267-5	776261-5	776262-5
		Gold Plated		1-776266-5	1-776267-5	1-776261-5	1-776262-5
23	Black	Tin Plated	770680-1	770669-1	776087-1	776200-1	776228-1
		Gold Plated		1-770669-1	1-776087-1	1-776200-1	1-776228-1
	Natural	Tin Plated	770680-2	770669-2	776087-2	776200-2	776228-2
		Gold Plated		1-770669-2	1-776087-2	1-776200-2	1-776228-2
	Grey	Tin Plated	770680-4	770669-4	776087-4	776200-4	776228-4
		Gold Plated		1-770669-4	1-776087-4	1-776200-4	1-776228-4
	Blue	Tin Plated	770680-5	770669-5	776087-5	776200-5	776228-5
		Gold Plated		1-770669-5	1-776087-5	1-776200-5	1-776228-5
35	Black	Tin Plated	776164-1	776180-1	776163-1	776230-1	776231-1
		Gold Plated		1-776180-1	1-776163-1	1-776230-1	1-776231-1
	Natural	Tin Plated	776164-2	776180-2	776163-2	776230-2	776231-2
		Gold Plated		1-776180-2	1-776163-2	1-776230-2	1-776231-2
	Grey	Tin Plated	776164-4	776180-4	776163-4	776230-4	776231-4
		Gold Plated		1-776180-4	1-776163-4	1-776230-4	1-776231-4
	Blue	Tin Plated	776164-5	776180-5	776163-5	776230-5	776231-5
		Gold Plated		1-776180-5	1-776163-5	1-776230-5	1-776231-5
	Orange	Gold Plated	776164-6	1-776180-6	1-776163-6	-	1-776231-6

## Contacts



Receptacle Strip Form	Loose Piece	Wire Size AWG (mm <sup>2</sup> )	Insulation Diameter (mm)	Finish
770520-1	770854-1	16-20 (1.5-0.5)	.067-.106 (1.7-2.7)	Pre-tin plated
770520-3	770854-3			Selective gold plated

## Sealing Plug



Insulation Diameter (mm)	Colour	Part Number
1.3	White	770678-1

# AMPSEAL 16 Series

## Sealed Receptacle Housings

The AMPSEAL 16 Connector System is targeted for off-road, heavy duty industrial, recreational and agricultural applications. This wire-to-wire and wire-to-device connector line was designed to meet the rigorous demands of an industry that requires the highest standards in performance. The AMPSEAL 16 receptacle and pin housings come fully assembled, offering a one-piece approach for applied cost savings. Both housings feature integral wire seals, wire seal covers and primary latch reinforcement (PLR).

### Sealed Receptacle Housings



### Sealed Cap Housings

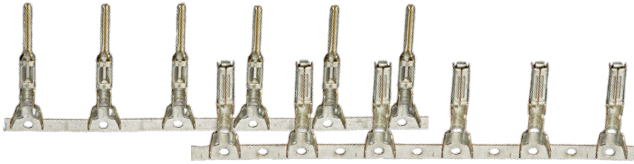


No. of positions	Keying	Colour	Receptacle Housing Standard Diameter Seal	Cap Standard Diameter Seal	Receptacle Housing Reduced Diameter Seal	Cap Reduced Diameter Seal
2	A	Red	776427-1	776428-1	776522-1	776534-1
	B	Grey	776427-2	776428-2	776522-2	776534-2
	C	Yellow	776427-3	776428-3	776522-3	776534-3
	D	Green	776427-4	776428-4	776522-4	776534-4
3	A	Red	776429-1	776430-1	776523-1	776535-1
	B	Grey	776429-2	776430-2	776523-2	776535-2
	C	Yellow	776429-3	776430-3	776523-3	776535-3
	D	Green	776429-4	776430-4	776523-4	776535-4
4	A	Red	776487-1	776488-1	776524-1	776536-1
	B	Grey	776487-2	776488-2	776524-2	776536-2
	C	Yellow	776487-3	776488-3	776524-3	776536-3
	D	Green	776487-4	776488-4	776524-4	776536-4
6	A	Red	776433-1	776434-1	776531-1	776537-1
	B	Grey	776433-2	776434-2	776531-2	776537-2
	C	Yellow	776433-3	776434-3	776531-3	776537-3
8	A	Red	776494-1	776495-1	776532-1	776538-1
	B	Grey	776494-2	776495-2	776532-2	776538-2
	C	Yellow	776494-3	776495-3	776532-3	776538-3
	D	Green	776494-4	776495-4	776532-4	776538-4
12	A	Red	776437-1	776438-1	776533-1	776539-1
	B	Grey	776437-2	776438-2	776533-2	776539-2
	C	Yellow	776437-3	776438-3	776533-3	776539-3
	D	Green	776437-4	776438-4	776533-4	776539-4

# AMPSEAL 16 Series

## Pin and Receptacle Contacts

AMPSEAL 16 and AMPSEAL 16 hybrid lever connectors commonly use the HDSF size 16 contact system. The contacts are round, stamped and formed contacts with dual beam sockets.



Size	Pin		Receptacle		Wire Size AWG (mm <sup>2</sup> )	Insulation Diameter (mm)	Wire Insulation Support	Finish
	Strip Form	Loose Piece	Strip Form	Loose Piece				
HDSF 16	1924463-1	1924579-1	1924464-1	1924580-1	18-20 (0.8-0.5)	.107-.05 (2.72-1.27)	Yes	Gold
	1924463-3	1924579-3	1924464-2	1924580-2				Nickel
	776349-1	-	776493-1	-	18-20 (0.8-0.5)	.131-.089 (3.33-2.26)	Yes	Gold
	776349-3	-	776493-2	-				Nickel
	638078-1	776300-1	776492-1	776299-1	14-18 (2.0-0.8)	.131-.089 (3.33-2.26)	Yes	Gold
	638078-3	776300-2	776492-2	776299-2				Nickel
	638112-1	776298-1	776491-1	776297-1	14-18 (2.0-0.8)	.155-.077 (3.94-1.96)	No	Gold
	638112-3	776298-2	776491-2	776297-2				Nickel
	2098250-1	-	2098251-1	-	18 (1.5-0.8)	.118-.065 (3.00-1.65)	Yes	Gold
	2098250-3	-	2098251-2	-				Nickel
	2098252-1	-	2098253-1	-	14 (2.0-1.5)	.128-.083 (3.25-2.10)	Yes	Gold
	2098252-3	-	2098253-2	-				Nickel

## Sealing Plugs

Open cavities provide pathways for contaminants to enter the connectors. To maintain seal integrity, any unused cavity must be filled with the appropriate size sealing plug.



Colour	Part Number	Contact Size	Wire Gauge Range	Description
Yellow	776363-1	Size 16	16-20 AWG	PBT, used with AMPSEAL 16 (standard diameter cavities)
White	776364-1	Size 20	16-20 AWG	PBT, used with AMPSEAL 16 (reduced diameter cavities)

# Circular Din Connector Series

## Pin and Receptacle Contacts

The Circular DIN connectors are designed to meet the requirements of the DIN 72585/ISO 15170 standards. They feature a coupling ring for mating. Circular DIN connectors are suitable for in-line, flange mount, or PCB applications.



Position	Keying Type	Housing Colour	Socket Housing	Pin Housing	PCB Header Vertical
2	1	Black	1-967325-3	1-967402-3	1394324-1 (tin)
			1-968968-3 (secondary locking)		
	2	Grey	2-967325-3	2-967402-3	-
			2-968968-3		-
3	Green	3-967325-3	-	-	
4	Blue	4-967325-3	-	-	
3	1	Black	1-967325-2	1-967402-2	1394324-4
			1-968968-2 (secondary locking)		
	2	Grey	2-967325-2	-	-
	3	Green	3-967325-2	-	-
4	Blue	4-967325-2	-	-	
4	1	Black	1-967325-1	1-967402-1	1241598-1 (no ventilation disk)
			1-968968-1 (secondary locking)		1394324-2 (tin)
					1394324-3 (gold)
					1703780-1 (ferrite disk)
	2	Grey	2-967325-1	2-967402-1	-
	3	Green	3-967325-1	3-967402-1	-
4	Blue	4-967325-1	4-967402-1	-	

## Backshells

Style	Option	Part Number
90°	adapter with universal clamp	965576-1
180°		965784-1
90°	adapter for NW 7.5 mm diameter corrugated tubing	185793-1
180°		185792-1
90°	adapter for NW 8.5 mm diameter corrugated tubing	965577-1
180°		965785-1
90°	adapter for NW 10 mm diameter corrugated tubing	965783-1
180°		965786-1
90°	adapter 4 position for hose	1534789-1
180°		1534791-1
90°	adapter 4 position for jacketed cable 5.2-6.5 mm	1418918-1
180°		1418916-1
90°	adapter 4 position for jacketed cable 6.0-9.5 mm	1418919-1
180°		1418917-1

## Wire Seals

Insulation Diameter (mm)	Colour	Part Number
1.2-2.1 FLR	Grey	828920-1
2.2-3.0 FLR	Violet	828921-1

## Sealing Plugs

Wire Size (mm)	Colour	Part Number
up to 3.0 mm	Natural	828922-1
	Green	828922-2
up to 3.7 mm	Natural	828986-1

# Circular Din Connector Series

## Contacts

	Strip Form	Loose Piece	Wire Size AWG (mm <sup>2</sup> )	Insulation Diameter (mm)	Finish
Stamped & Formed Pins	929963-1	962967-1	0.5-1.0	1.4-2.1	Tin plated
	929963-8	962967-8			Gold plated
	1-929963-0	1-962967-0			
	929964-1	962968-1	≥1.0-2.5	1.9-3.0	Tin plated
	1-929964-0	1-962968-0			Gold plated
		929965-1	962969-1	≥2.5-4.0	2.7-3.6
Stamped & Formed Pins with Single Wire Sealing System	929966-1	962970-1	0.2-0.4	1.2-2.1	Tin plated
	929966-7	962970-7			Silver plated
	929967-1	962971-1	0.5-1.0	1.2-2.1	Tin plated
	929967-4	962971-4			
	929967-7	962971-7			Silver plated
	1-929967-4	1-962971-4			
	929967-8	962971-8			Gold plated
	1-929967-0	1-962971-0			
	929968-1	962972-1	≥1.0-2.5	2.2-3.0	Tin plated
	929968-4	962972-4			
	929968-7	962972-7			Silver plated
	929968-8	962972-8			Gold plated

	Strip Form	Loose Piece	Wire Size AWG (mm <sup>2</sup> )	Insulation Diameter (mm)	Finish
Stamped & Formed Sockets	929969-1	962976-1	0.2-0.4	1.15-1.6	Tin plated
	929970-1	962977-1	0.5-1.0	1.4-2.1	Tin plated
	929970-7	962977-7			Silver plated
	929970-8	962977-8			Gold plated
	929971-1	962978-1	≥1.0-2.5	1.9-3.0	Tin plated
	929971-7	962978-7			Silver plated
	929971-8	962978-8			Gold plated
		929972-1	962979-1	≥2.5-4.0	2.7-3.0
Stamped & Formed Sockets with Single Wire Sealing System	929973-1	962980-1	0.2-0.4	1.2-2.1	Tin plated
	929974-1	962981-1	0.5-1.0	1.2-2.1	Tin plated
	929974-4	962981-4			
	929974-8	962981-8			Silver plated
	929974-7	962981-7			Silver plated
	1-929974-4	1-962981-4			
	929975-1	962982-1	≥1.0-2.5	2.2-3.0	Tin plated
	929975-4	962982-4			
	929975-8	962982-8			Silver plated
929975-7	962982-7	Gold plated			

# SUPERSEAL 1.0 Series

## Pin Header and Plug Housings



TE Connectivity Superseal 1.0 mm connectors are designed to meet the increasing need for dependable printed circuit board applications in harsh environments. The Superseal headers are available with straight or right-angle pins. Various locking latch options and keying configurations are available.

Position	Pin Header	Plug Housing	Keying Type	Locking
26	9-6437287-8	3-1437290-7	1 (4 row)	Upper
	9-6437287-9	3-1437290-8	2 (4 row)	Upper
	6473423-1	1473416-1	3 (4 row)	Upper
	6473423-2	1473416-2	4 (4 row)	Upper
	5-6447223-0	3-1437290-7	1 (4 row)	Lower
	6437288-4	3-1437290-8	2 (4 row)	Lower
	2-6437285-8	2-1437285-2	1 (4 row)	Double
	2-6437285-9	1-1447232-7	2 (4 row)	Double
	6437288-6	3-1437290-7	1 (4 row, vertical)	Upper
	6473418-1	3-1437290-8	2 (4 row, vertical)	Upper
	6473418-2	1473416-1	3 (4 row, vertical)	Upper
	6473711-1	1473712-1	1 (2 row)	Upper
	6473711-2		1 (2 row)	Lower
	34	6437288-1	4-1437290-0	1 (4 row)
6437288-2		4-1437290-1	2 (4 row)	Upper
2-6437285-5		4-1437290-0	1 (4 row)	Lower
2-6437285-6		4-1437290-1	2 (4 row)	Lower
3-6437285-0		2-1437285-3	1 (4 row)	Double
3-6437285-1		3-1437290-9	2 (4 row)	Double
2-6447232-3		4-1437290-0	1 (4 row, vertical)	Upper
2-6447232-4		4-1437290-1	2 (4 row, vertical)	Upper
60	6437288-3	3-1437290-7 (26P), 4-1437290-0 (34P)	1 (4 row)	Upper
	6473427-1	1473416-1 (26P), 4-1437290-1 (34P)	2+3 (4 row)	Upper
	6437288-5	3-1437290-7 (26P), 4-143790-0 (34P)	1 (4 row)	Lower
	3-6437285-2	2 2-1437285-2 (26P), 2-1437285-3 (34P)	1 (4 row)	Double

## Contacts



Receptacle Strip Form	Wire Size AWG (mm <sup>2</sup> )	Insulation Diameter (mm)	Finish
3-1447221-4	0.5	16-2.2	Copper alloy Gold over nickel (contact part), Tin over Nickel (crimp area)
3-1447221-3	0.75-0.85	16-2.4	
	1.25	19-2.2	

## Single Wire Seals



Insulation Diameter (mm)	Colour	Part Number
1.0	White	4-1437284-3



# SUPERSEAL 1.5 Series

TE Connectivity has developed the AMP SUPERSEAL 1.5 Series Connector family to meet the increasing requirements for reliability and waterproof-ability. AMP SUPERSEAL 1.5 Series Connector exceed the requirements prescribed by IP67 according IEC 60529 and DIN 40050-9 standards and is designed for automotive, agriculture and industrial machinery applications.

## Plug Housings



No. of Positions	Dimension (mm)	Part Number
1	9.3	282079-2
2	15.3	282080-1
3	21.3	282087-1
4	27.3	282088-1
5	33.3	282089-1
6	39.3	282090-1

## Cap Housings



No. of Positions	Dimension (mm)	Part Number
1	13.8	282103-1
2	19.8	282104-1
3	25.8	282105-1
4	31.8	282106-1
5	37.8	282107-1
6	43.8	282108-1

## Rubber Boots



No. of Positions	Connector Housing Part Number	Description	Colour	Rubber Boot Part Number
2	282080-1	Plug Housing	Black	880810-1
	282104-1	Cap Housing		
3	282087-1	Plug Housing		880811-2
	282105-1	Cap Housing		

## Single Wire Seals and Cavity Plug

### Plug



Insulation Diameter (mm)	Colour	Part Number
1.2 – 1.6	Green	281934-4
1.7 – 2.4	Yellow	281934-2
2.5 – 3.3	Red	281934-3
Cavity Plug	Red	282081-1

## Contacts

Pin		Receptacle		Wire Size AWG (mm <sup>2</sup> )	Insulation Diameter (mm)
Strip Form	Loose Piece	Strip Form	Loose Piece		
282404-1	183036-1	282403-1	183035-1	0.3-0.5 [22-20]	1.4-1.7 [0.55-0.67]
282109-1	183024-1	282110-1	183025-1	0.5-1.5 [20-16]	1.8-3.3 [0.71-1.30]
282465-1	-	282466-1	-	1.5-2.5 [16-14]	1.8-3.3 [0.71-1.30]



# HDSCS Series

## Receptacles and Tabs



The Heavy Duty Sealed Connector Series (HDSCS) offers several cavity arrangements and mixed wire sizes. The rugged, thermoplastic connectors have a secondary lock with poke-yoke feature and can be used for in-line or flange mount applications. HDSCS connectors are available in five housing sizes and four keying options.

No. of Positions	Group	Contact Size	Keying Colour	Receptacle Housing	Flange Tab Housing	Tab Housing Without Flange
2	A	2.8	Black	1-1418483-1	1-1703841-1	1-1703839-1
			Grey	2-1418483-1	2-1703841-1	2-1703839-1
			Green	3-1418483-1	3-1703841-1	3-1703839-1
			Blue	4-1418483-1	4-1703841-1	4-1703839-1
(3) 2	A	1.5K	Black	1-1418448-2	-	-
			Grey	2-1418448-2	-	-
			Green	3-1418448-2	-	-
			Blue	4-1418448-2	-	-
2	C	6.3	Black	1-1564542-1	1-1564546-1	1-1564544-1
			Grey	2-1564542-1	2-1564546-1	2-1564544-1
			Green	3-1564542-1	3-1564546-1	3-1564544-1
			Blue	4-1564542-1	4-1564546-1	4-1564544-1
3	A	6.3	Black	1-1418448-1	1-1703843-1	1-1670730-1
			Grey	2-1418448-1	2-1703843-1	2-1670730-1
			Green	3-1418448-1	3-1703843-1	3-1670730-1
			Blue	4-1418448-1	4-1703843-1	4-1670730-1
4	B	2.8	Black	1-1418390-1	1-1703808-1	1-1703818-1
			Grey	2-1418390-1	2-1703808-1	2-1703818-1
			Green	3-1418390-1	3-1703808-1	3-1703818-1
			Blue	4-1418390-1	4-1703808-1	4-1703818-1
	E	6.3	Black	1-1564330-1	-	1-1564534-1
			Grey	2-1564330-1	-	2-1564534-1
			Green	3-1564330-1	-	3-1564534-1
			Blue	4-1564330-1	-	4-1564534-1

# HDSCS Series

## Receptacles and Tabs

No. of Positions	Group	Contact Size	Keying Colour	Receptacle Housing	Flange Tab Housing	Tab Housing Without Flange
6	B	15K	Black	1-1418469-1	1-1703820-1	1-1703773-1
			Grey	2-1418469-1	2-1703820-1	2-1703773-1
			Green	3-1418469-1	3-1703820-1	3-1703773-1
			Blue	4-1418469-1	4-1703820-1	4-1703773-1
	C	2.8	Black	1-1418437-1	-	-
			Grey	2-1418437-1	-	-
			Green	3-1418437-1	-	-
			Blue	4-1418437-1	-	-
7	C	(4) 15K (3) 2.8	Black	1-1418480-1	1-1670214-1	1-1703648-1
			Grey	2-1418480-1	2-1670214-1	2-1703648-1
			Green	3-1418480-1	3-1670214-1	3-1703648-1
			Blue	4-1418480-1	4-1670214-1	4-1703648-1
8	C	15K	Black	1-1418479-1	1-1564416-1	1-1564512-1
			Grey	2-1418479-1	2-1564416-1	2-1564512-1
			Green	3-1418479-1	3-1564416-1	3-1564512-1
			Blue	4-1418479-1	4-1564416-1	4-1564512-1
	D	2.8	Black	1-1670894-1	-	1-1564522-1
			Grey	2-1670894-1	-	2-1564522-1
			Green	3-1670894-1	-	3-1564522-1
			Blue	4-1670894-1	-	4-1564522-1
10	D	(6) 15K (4) 2.8	Black	1-1564514-1	1-1564518-1	1-1564516-1
			Grey	2-1564514-1	2-1564518-1	2-1564516-1
			Green	3-1564514-1	3-1564518-1	3-1564516-1
			Blue	4-1564514-1	4-1564518-1	4-1564516-1
12	D	15K	Black	1-1703639-1	1-1564520-1	1-1564414-1
			Grey	2-1703639-1	2-1564520-1	2-1564414-1
			Green	3-1703639-1	3-1564520-1	3-1564414-1
			Blue	4-1703639-1	4-1564520-1	4-1564414-1
	E	2.8	Black	1-1670901-1	-	-
			Grey	2-1670901-1	-	-
			Green	3-1670901-1	-	-
			Blue	4-1670901-1	-	-
15	E	(9) 15K (6) 2.8	Black	1-1563878-1	1-1564532-1	1-1564530-1
			Grey	2-1563878-1	2-1564532-1	2-1564530-1
			Green	3-1563878-1	3-1564532-1	3-1564530-1
			Blue	4-1563878-1	4-1564532-1	4-1564530-1
16	E	(12) 15K (4) 2.8	Black	1-1564337-1	1-1564407-1	1-1564528-1
			Grey	2-1564337-1	2-1564407-1	2-1564528-1
			Green	3-1564337-1	3-1564407-1	3-1564528-1
			Blue	4-1564337-1	4-1564407-1	4-1564528-1
18	E	15K	Black	1-1563759-1	1-1564526-1	1-1564412-1
			Grey	2-1563759-1	2-1564526-1	2-1564412-1
			Green	3-1563759-1	3-1564526-1	3-1564412-1
			Blue	4-1563759-1	4-1564526-1	4-1564412-1

# HDSCS Series

## Stamped and Formed Tabs



Size	Strip Form	Loose Piece	Wire Size (mm <sup>2</sup> )	Insulation Diameter (mm) FLR	Finish
1.5K	969028	969029	0.2-0.5	12-16	-2/-3
	964269	964270	0.5-1.0	14-2.1	-2/-3/-5
	1703278	1703279	15	19-2.4	-2/-5
2.8	965982	965983	0.2-0.5	max 2.1	1-xxx-1 1-xxx-3
	962915	963748	0.5-1.0	max 2.1	1-xxx-1 1-xxx-2 1-xxx-3 2-xxx-1 2-xxx-2 2-xxx-3
	962916	963749	1.5-2.5	max 3.0	1-xxx-1 1-xxx-2 1-xxx-3 2-xxx-1 2-xxx-2 2-xxx-3
	1719504	1719503	12 TXL	max 3.2	1-xxx-1 1-xxx-2
6.3/ 4.8K	962917	963742	0.5-1.0	14-2.1	1-xxx-1 1-xxx-2 2-xxx-1 2-xxx-2
	962918	963743	1.5-2.5	2.2-3.0	1-xxx-1 1-xxx-2 2-xxx-1 2-xxx-2
	962919	963744	>2.5-4.0	2.7-3.7	1-xxx-1 1-xxx-2 2-xxx-1 2-xxx-2

## Wire Seals



Contact Size	Insulation Diameter (mm)	Colour	Part Number
1.5K	0.9-1.2	Green	1718705-1
		Red	964971-1
	1.2-1.6	Blue	1394133-1
		Grey	963530-1
	1.9-2.1	Yellow	964972-1
	1.9-2.4	Orange	2112323-1
2.8	1.2-2.1	Blue	828904-1
			828904-2
	2.2-3.0	White	828905-1
6.3/4.8K	1.4-2.0	Yellow	2177018-1
	2.0-2.7	White	1394511-1
	2.7-2.9	Red brown	1823111-1
	3.4-3.7	Blue	1394512-1
	4.0-4.5	Green	1719043-1

## Sealing Plugs



Contact Size	Wire Size	Colour	Part Number
1.5K	3.6 mm	White	963531-1
		Natural	1394132-1
2.8	5.6 mm	Natural	828922-1
		Green	828922-2
6.3/4.8K	8.5 mm	Transparent	967652-1

# HDSCS Series

## Stamped and Formed Tabs



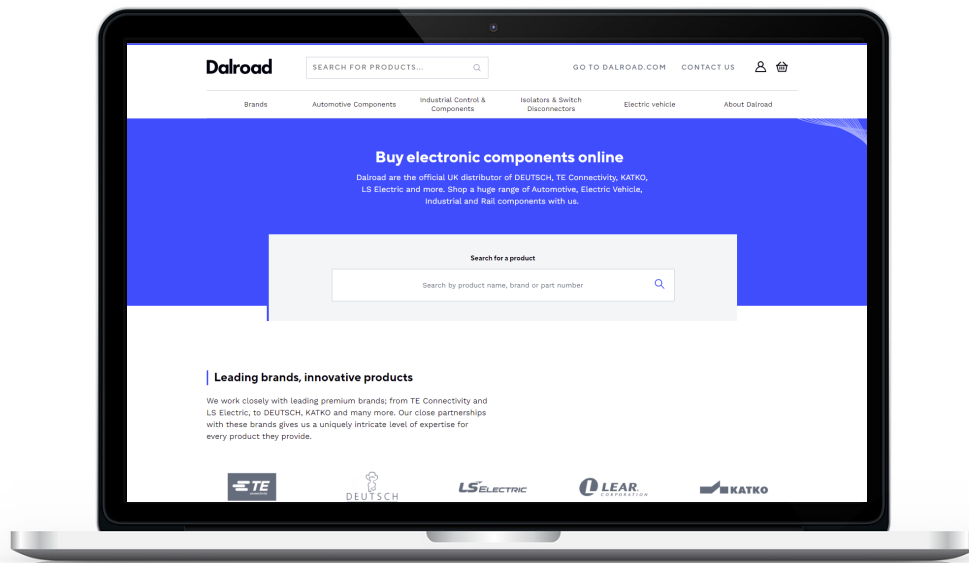
Size	Strip Form	Loose Piece	Wire Size (mm <sup>2</sup> )	Insulation Diameter (mm) FLK	Insulation Diameter (mm) FLR	Finish
1.5K	1564324	1564325	0.2-0.5	-	1.1-1.4	-1/-2/-3
	1241380	1241381	0.5-1.0	-	1.4-2.1	-1/-2/-3 1-xxx-2*
	1418884	1418885	>1.0-1.5	-	2.2-2.4	-1/-3
2.8	968882	968896	0.35	-	1.2-1.4	1-xxx-1 1-xxx-3
	968855	968875	0.5-1.0	-	1.4-2.1	1-xxx-1 1-xxx-2 1-xxx-3
	968857	968876	>1.0-2.5	-	2.2-3.0	1-xxx-1 1-xxx-3
6.3/ 4.8K	1241410	1241411	0.35-0.5	1.3-2.3	1.2-1.6	-1/-3
	1241412	1241413	0.5-1.0	2.0-2.7	1.4-2.1	-1/-3
	1241414	1241415	0.35-0.5	2.7-3.7	2.2-3.0	-1/-3
	1241416	1241417	>2.5-4.0	4.1-4.5	3.4-3.7	-1/-3
	1241418	1241419	4.0-6.0	-	3.4-4.3	-4 1-xxx-3 2-xxx-3

## AMP MCP Receptacle Finish Codes

Finish Code	Material
-1	CuNiSi, pre-tin plated
-2	CuNiSi, selective gold plated
-3	CuNiSi, selective silver plated
-4	CuNiSi, tin-silver pre-plated
1-xxx-1	CuNiSi, pre-tin plated
1-xxx-2	CuNiSi, selective gold plated
1-xxx-2*	CuNiSi, min 1.27 µm selective gold plated
1-xxx-3	CuNiSi, selective silver plated

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