

POWERTRAIN SYSTEMS



SAFETY & SECURITY SYSTEMS



CONVENIENCE



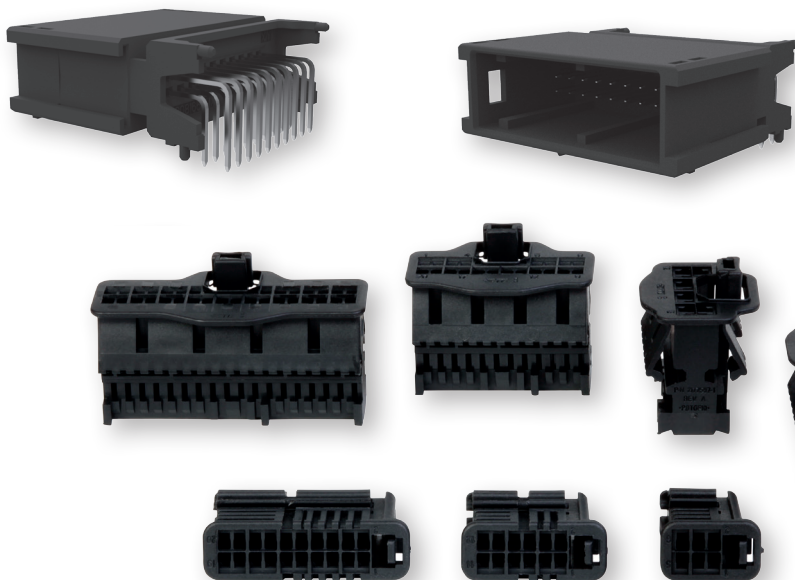
DRIVER INFORMATION



BODY & CHASSIS SYSTEMS



E-BIKE APPLICATIONS



NanoMQS TOP LATCH / SIDE LATCH UNSEALED

INTRODUCTION

The NanoMQS Top Latch (TL) and Side Latch (SL) series features a high possible connector robustness, a multitude of possibilities in mechanical integration and manufacturability. Available in 2 to 32 connections and the ease of combination of several modules support a wide range coverage of applications. Smooth extraction and insertion along with convenient handling show that the miniaturization of connector systems does not necessarily signify loss of convenience.

The development of the system was targeted to meet the same requirements as non-miniaturized ones: Current carrying capability at high ambient temperatures, reliable operation, robust protection against incorrect insertion and acoustic feedback on insertion. The ability to integrate multipin connectors in all types of enclosures as well as the possibility of orientating the connectors perpendicular and parallel to the circuit board make the TL and SL series a real all-rounder.

By selecting high quality housing materials – of course resistant to high temperatures and suitable for reflow processes – and due to a ultra robust housing design, the connector system can stand critical loads and installation.

The Connector housing with its multifunction surfaces on the multipin is made for reliable and precise soldering processes using grippers or suction cups, effortlessly being integrated into fully automatic processes. The female connector housings have been developed to meet both manual contact loading as well as fully automated block loading, and does therefore as well support the different customer preferences.

The Side Latch interface has been selected by the German OEM group AK as a standard interface of 0.5mm Miniaturization.

Product Features

- Miniaturized terminal system for high density connectors
- Signal terminal max. 3 Amps
- Pin dimensions 0.5mm x 0.4mm
- Nominal pitch 1.5mm
- Wire size range max. 0.13 – 0.35mm²
- Integrated into the MQS terminal family series
- Single piece locking lance terminal
- Primary and secondary locking capability
- Designed for automotive applications

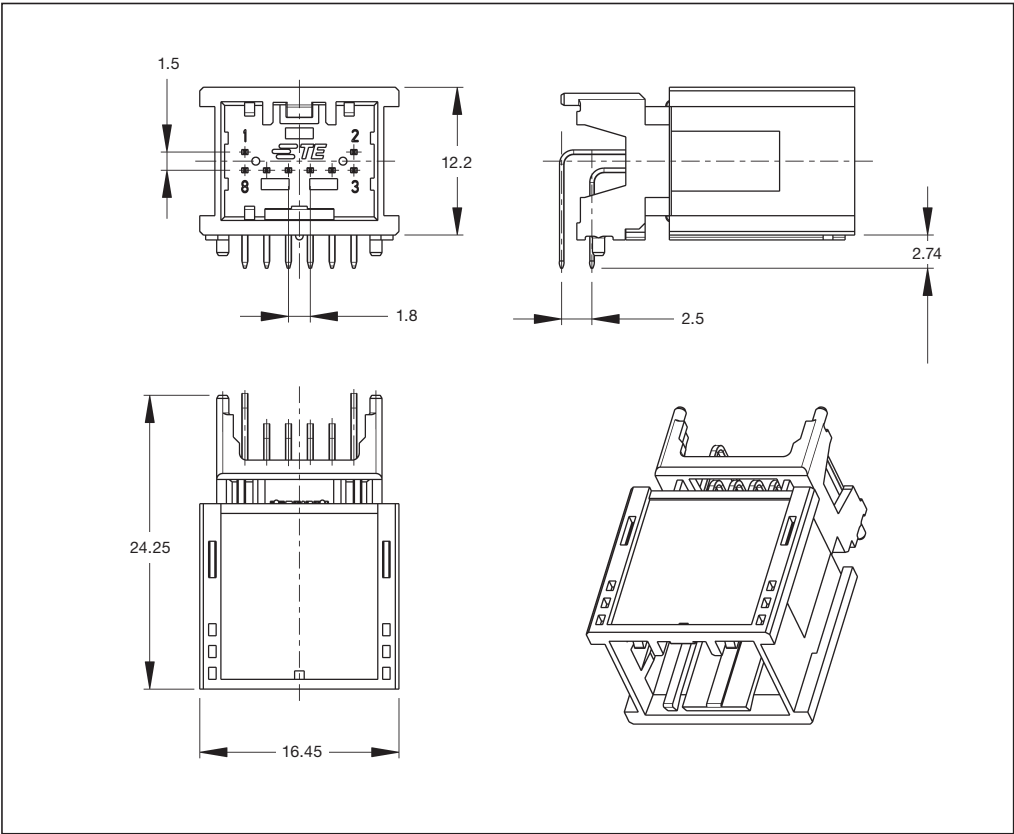
NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Printed Circuit Board Headers – Right Angle – 8 Positions



Technical Features

- No. of Positions:**
8 Positions
- Housing Material:**
LCP, Glas fibre reinforced
- Material and Finish:**
CuMg01, Sn over Ni
- Product Specification:**
108-94313
- Application Specification:**
114-94160

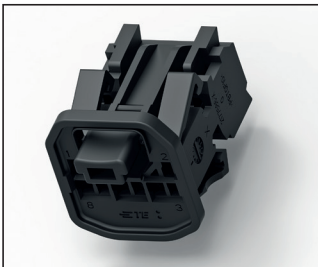


Printed Circuit Board Headers – Right Angle – 8 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Right Angle	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177372-3	N/A	N/A	N/A	2177586-1
Coding B		1-2177372-3				2177586-2
Coding C		2-2177372-3*				2177586-3*
Coding D		3-2177372-3*				2177586-4*

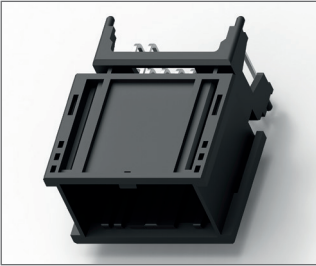
*on request

Mating Receptacle Housing
see page 14



NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Printed Circuit Board Headers – Right Angle – 12 Positions



Technical Features

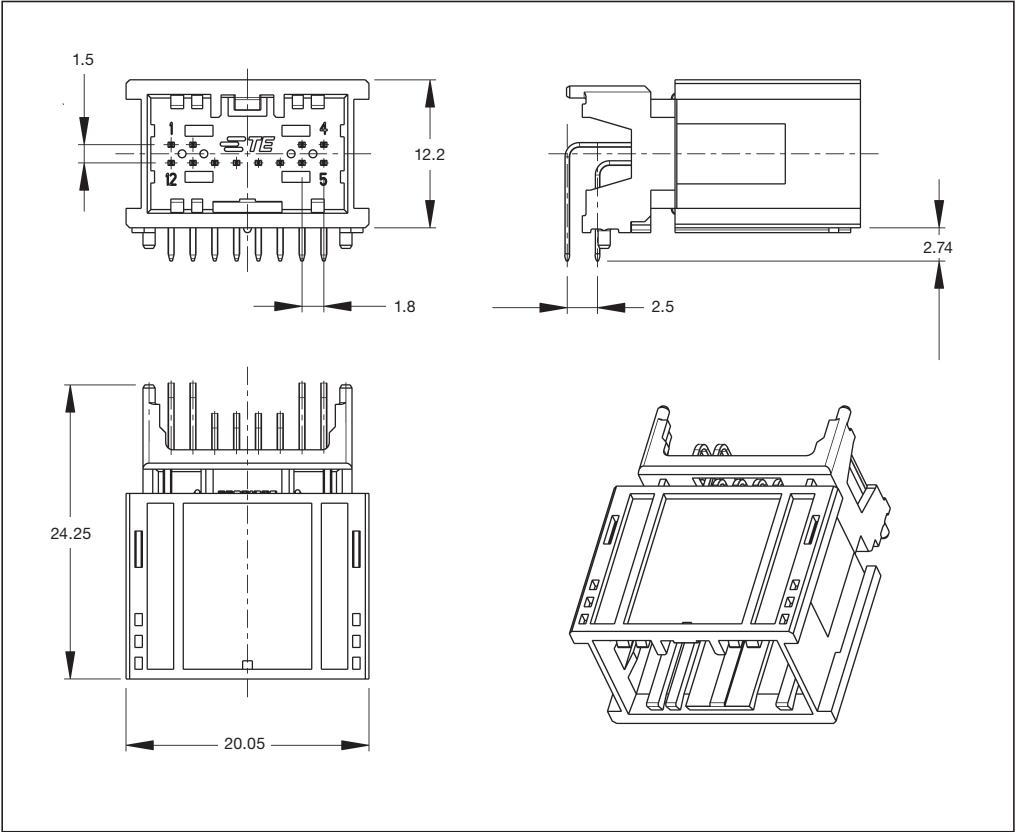
No. of Positions:
12 Positions

Housing Material:
LCP, Glas fibre reinforced

Material and Finish:
CuMg01, Sn over Ni

Product Specification:
108-94313

Application Specification:
114-94160

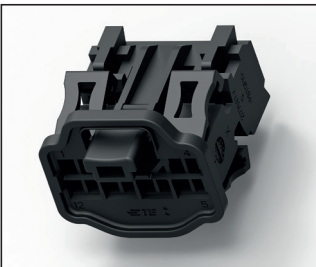


Printed Circuit Board Headers – Right Angle – 12 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Right Angle	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177370-3	N/A	N/A	N/A	2177587-1
Coding B		1-2177370-3				2177587-2
Coding C		2-2177370-3*				2177587-3*
Coding D		3-2177370-3*				2177587-4*

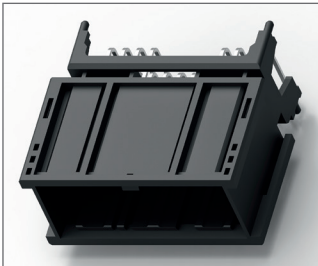
*on request

Mating Receptacle Housing
see page 15



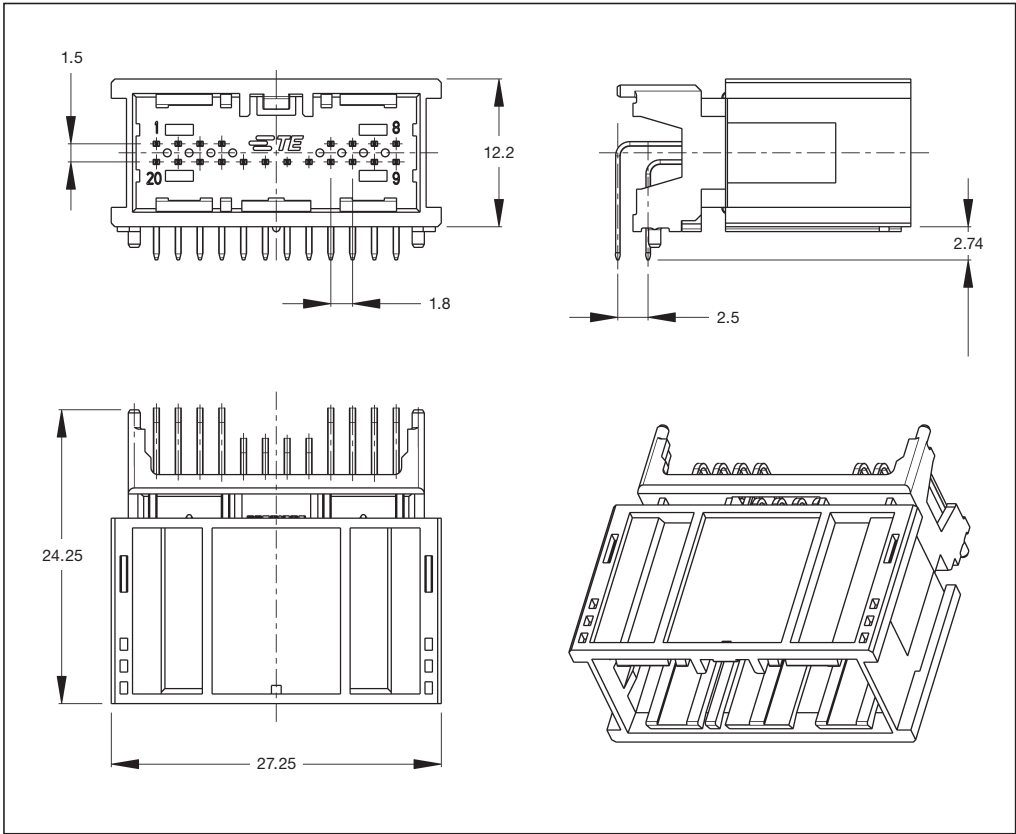
NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Printed Circuit Board Headers – Right Angle – 20 Positions



Technical Features

- No. of Positions:**
20 Positions
- Housing Material:**
LCP, Glas fibre reinforced
- Material and Finish:**
CuMg01, Sn over Ni
- Product Specification:**
108-94313
- Application Specification:**
114-94160

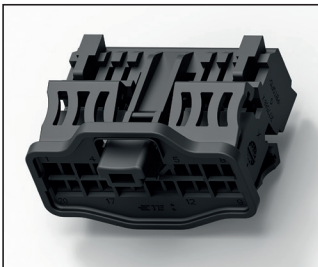


Printed Circuit Board Headers – Right Angle – 20 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Right Angle	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177367-3	N/A	N/A	N/A	2177588-1
Coding B		1-2177367-3				2177588-2
Coding C		2-2177367-3*				2177588-3*
Coding D		3-2177367-3*				2177588-4*

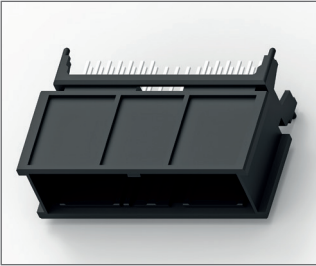
*on request

Mating Receptacle Housing
see page 16



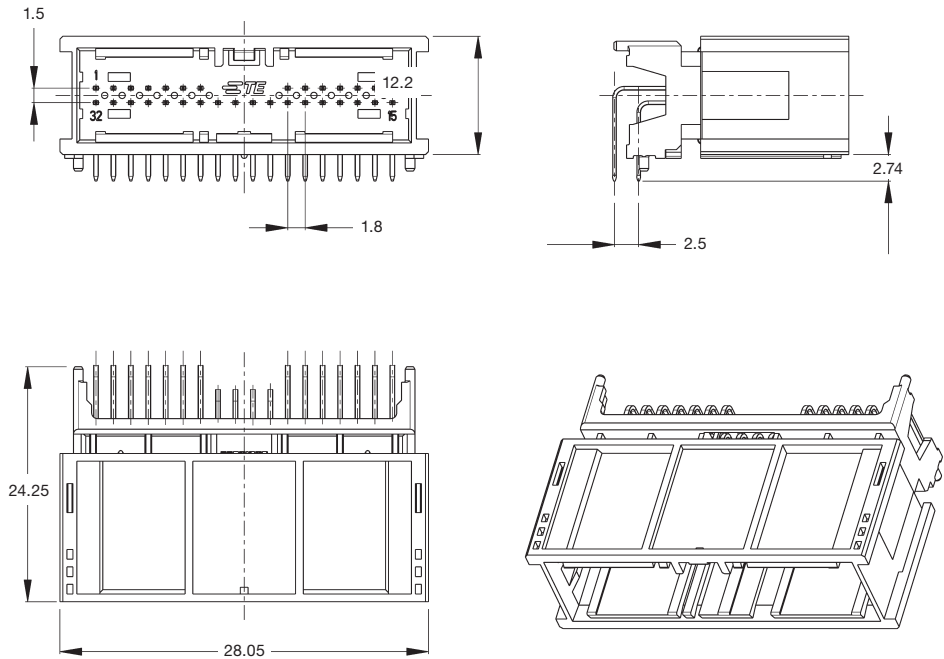
NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Printed Circuit Board Headers – Right Angle – 32 Positions



Technical Features

- No. of Positions:**
32 Positions
- Housing Material:**
LCP, Glas fibre reinforced
- Material and Finish:**
CuMg01, Sn over Ni
- Product Specification:**
108-94313
- Application Specification:**
114-94160

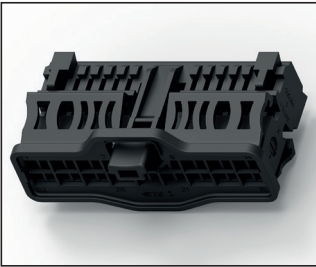


Printed Circuit Board Headers –Right Angle – 32 Positions

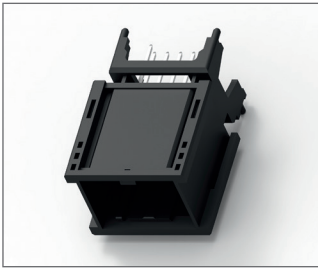
Keying Options	Housing Color	Part Numbers				
		PCB Header Right Angle	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177419-3	N/A	N/A	N/A	2141576-1
Coding B		1-2177419-3				2141576-2
Coding C		2-2177419-3				2141576-3
Coding D		3-2177419-3*				2141576-4*

*on request

Mating Receptacle Housing
see page 15

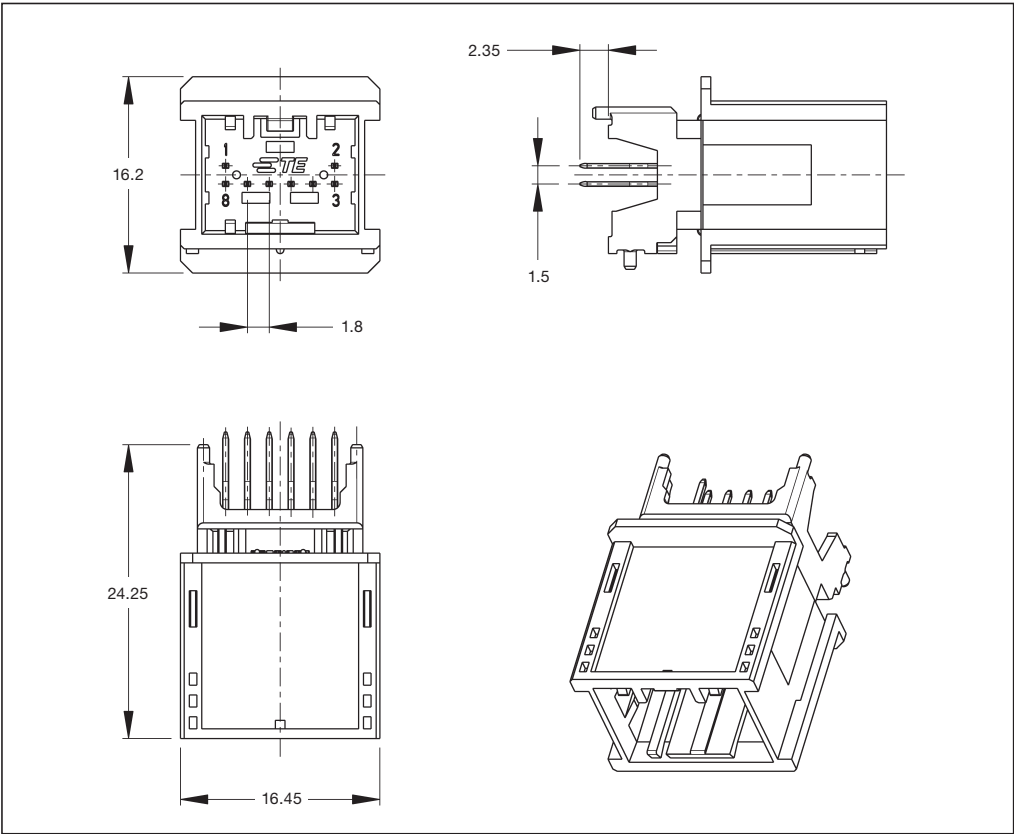


Printed Circuit Board Headers – Vertical – 8 Positions



Technical Features

- No. of Positions:**
8 Positions
- Housing Material:**
LCP, Glas fibre reinforced
- Material and Finish:**
CuMg01, Sn over Ni
- Product Specification:**
108-94313
- Application Specification:**
114-94160

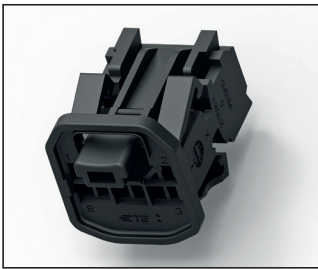


Printed Circuit Board Headers – Vertical – 8 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Vertical	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177768-3	N/A	N/A	N/A	2177586-1
Coding B		1-2177768-3				2177586-2
Coding C		2-2177768-3*				2177586-3*
Coding D		3-2177768-3*				2177586-4*

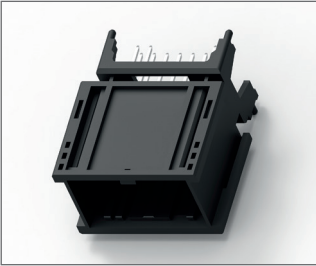
*on request

Mating Receptacle Housing
see page 14



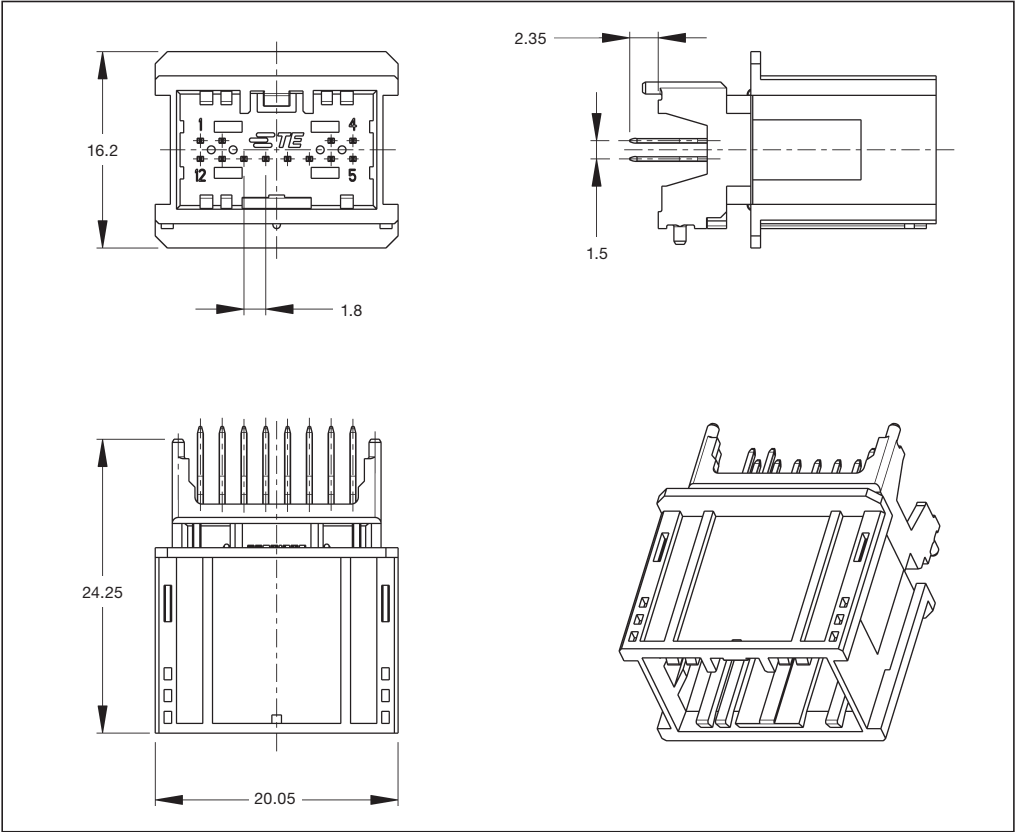
NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Printed Circuit Board Headers – Vertical – 12 Positions



Technical Features

- No. of Positions:**
12 Positions
- Housing Material:**
LCP, Glas fibre reinforced
- Material and Finish:**
CuMg01, Sn over Ni
- Product Specification:**
108-94313
- Application Specification:**
114-94160

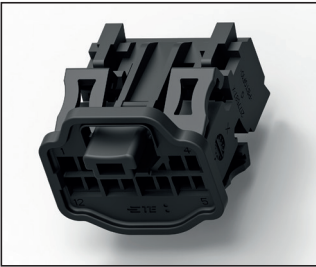


Printed Circuit Board Headers – Vertical – 12 Positions

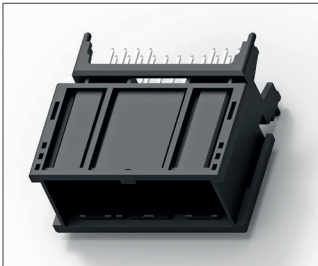
Keying Options	Housing Color	Part Numbers				
		PCB Header Vertical	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177767-3	N/A	N/A	N/A	2177587-1
Coding B		1-2177767-3				2177587-2
Coding C		2-2177767-3*				2177587-3*
Coding D		3-2177767-3*				2177587-4*

*on request

Mating Receptacle Housing
see page 15



Printed Circuit Board Headers – Vertical – 20 Positions



Technical Features

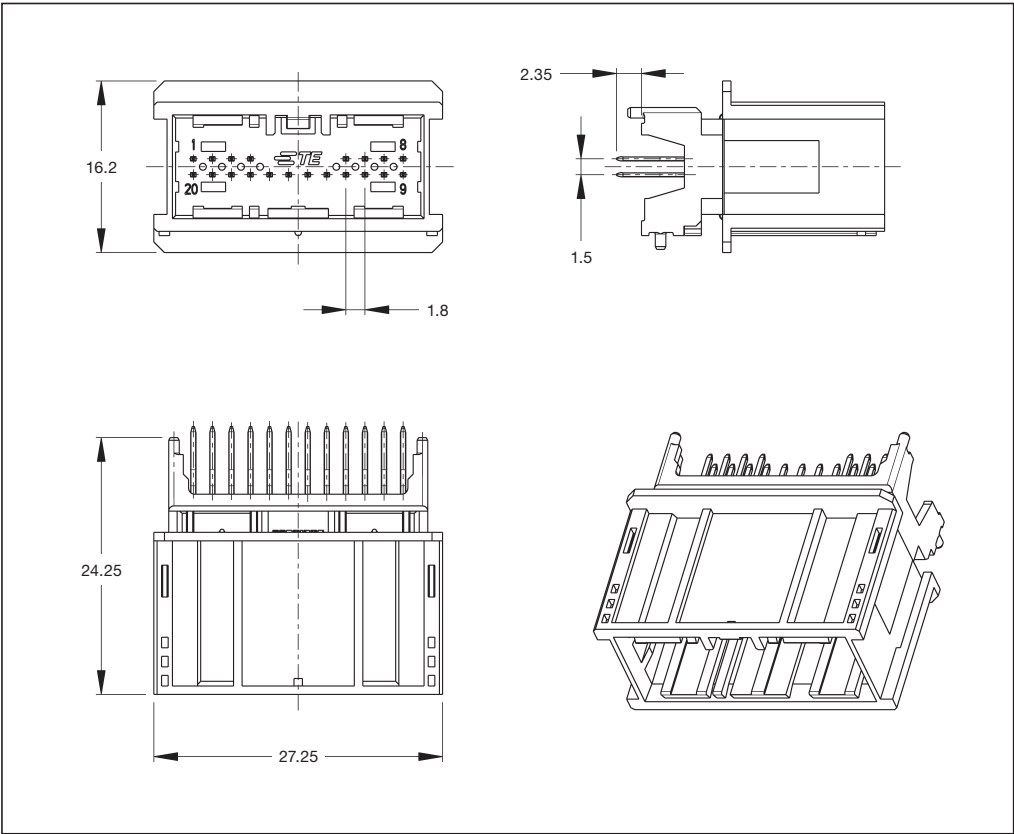
No. of Positions:
20 Positions

Housing Material:
LCP, Glas fibre reinforced

Material and Finish:
CuMg01, Sn over Ni

Product Specification:
108-94313

Application Specification:
114-94160

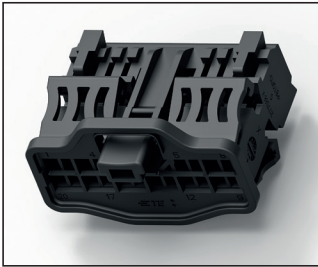


Printed Circuit Board Headers – Vertical – 20 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Vertical	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177766-3	N/A	N/A	N/A	2177588-1
Coding B		1-2177766-3				2177588-2
Coding C		2-2177766-3*				2177588-3*
Coding D		3-2177766-3*				2177588-4*

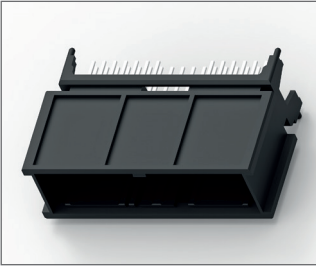
*on request

Mating Receptacle Housing
see page 16



NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Printed Circuit Board Headers – Vertical – 32 Positions



Technical Features

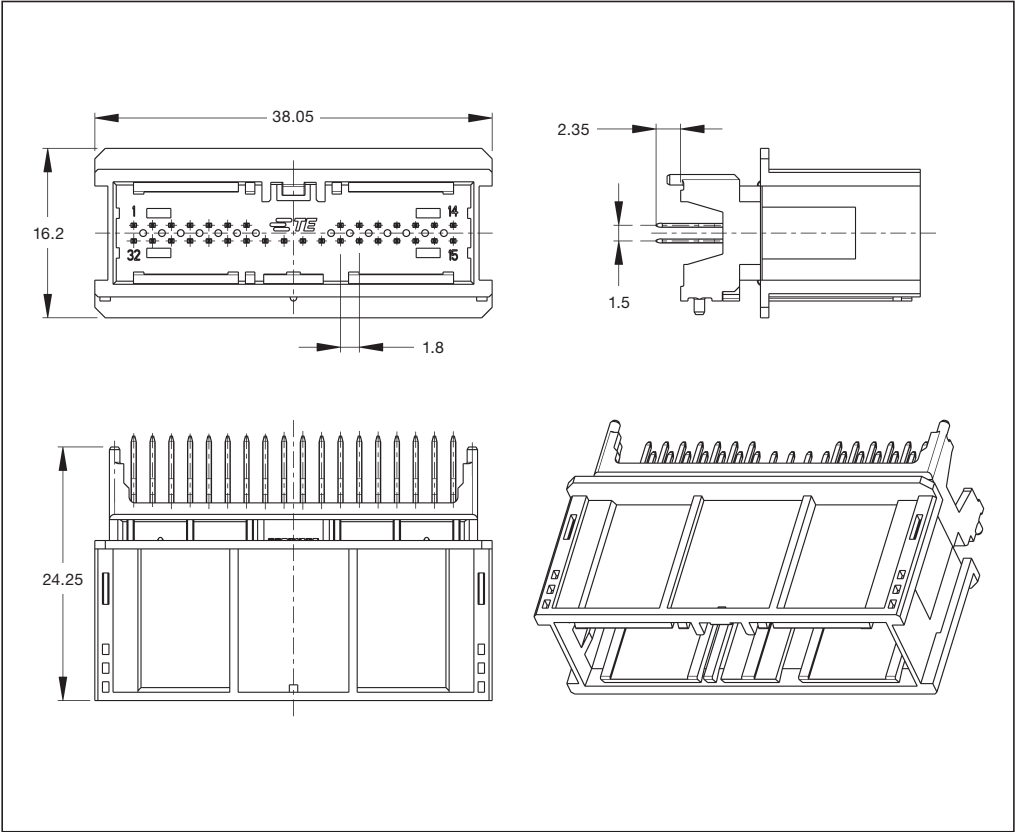
No. of Positions:
32 Positions

Housing Material:
LCP-GF30 / LCP-GF35

Material and Finish:
CuMg01, Sn over NiMating

Product Specification:
108-94313

Application Specification:
114-94160

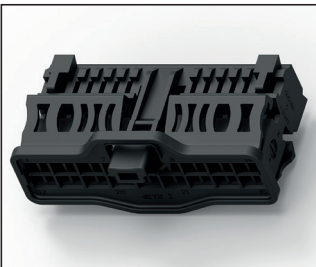


Printed Circuit Board Headers – Vertical – 32 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Vertical	Cover	Lever	Retainer Housings	Mating Receptacle Housing
Coding A	Black	0-2177748-3	N/A	N/A	N/A	2141576-1
Coding B		1-2177748-3				2141576-2
Coding C		2-2177748-3				2141576-3
Coding D		3-2177748-3*				2141576-4*

*on request

Mating Receptacle Housing
see page 17

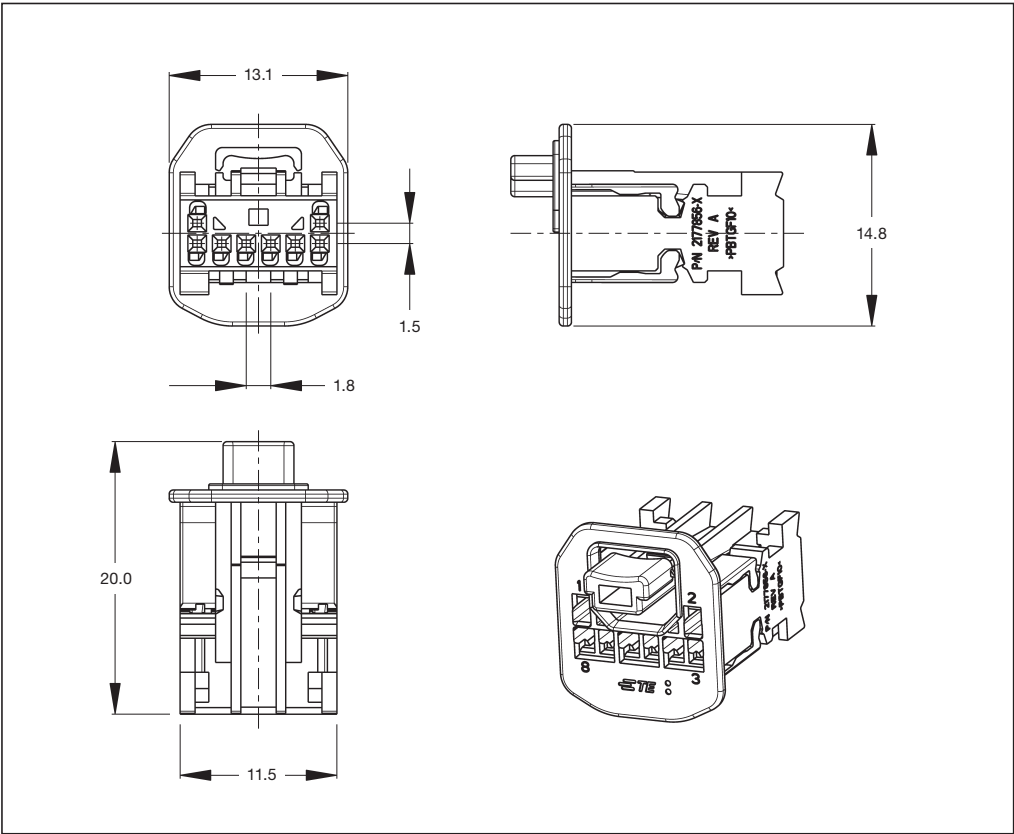


Receptacle Housings – 8 Positions



Technical Features

- No. of Positions:**
8 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35mm²
- Product Specification:**
108-20315
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1

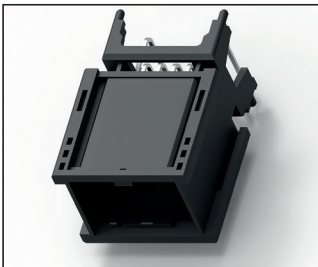


Receptacle Housings – 8 Positions

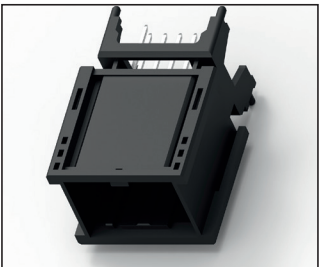
Keying Options	Housing Color	Receptacle Housing	Cover	Locking Device	Cover and Lever	Part Numbers	Mating PCB Headers		Contacts
						Mating Tab Housing	Right Angle	Vertical	
Coding A	Black	2177586-1	N/A	N/A	N/A	N/A	0-2177372-3	0-2177768-3	x-1703930-x
Coding B		2177586-2					1-2177372-3	1-2177768-3	
Coding C		2177586-3*					2-2177372-3*	2-2177768-3*	
Coding D		2177586-4*					3-2177372-3*	3-2177768-3*	

*on request

Mating Header Connector
Right Angle see page 6

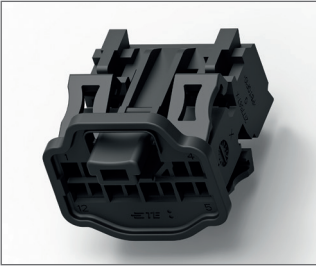


Mating Header Connector
Vertical see page 10



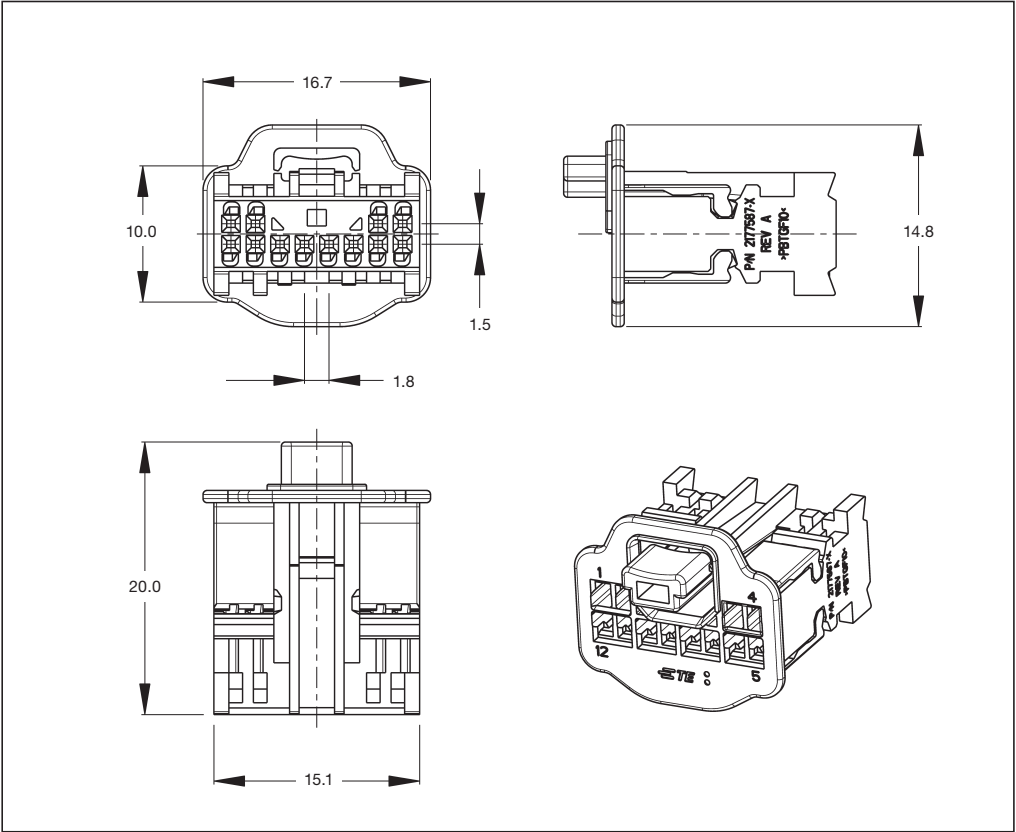
NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Receptacle Housings – 12 Positions



Technical Features

- No. of Positions:**
12 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35mm²
- Product Specification:**
108-20315
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1

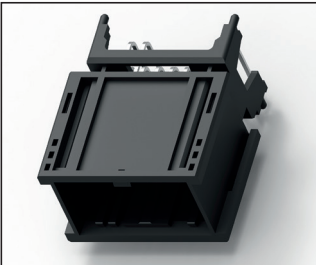


Receptacle Housings – 12 Positions

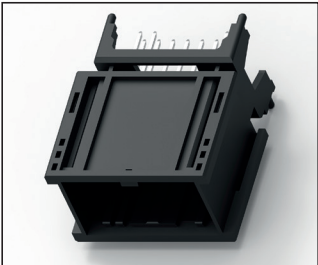
Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2177587-1	N/A	N/A	N/A	N/A	0-2177370-3	0-2177767-3	x-1703930-x
Coding B		2177587-2					1-2177370-3	1-2177767-3	
Coding C		2177587-3*					2-2177370-3*	2-2177767-3*	
Coding D		2177587-4*					3-2177370-3*	3-2177767-3*	

*on request

Mating Header Connector
Right Angle see page 7

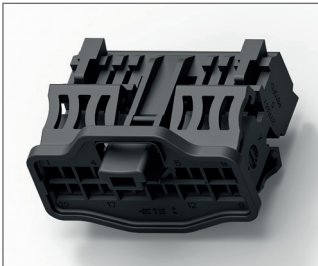


Mating Header Connector
Vertical see page 11



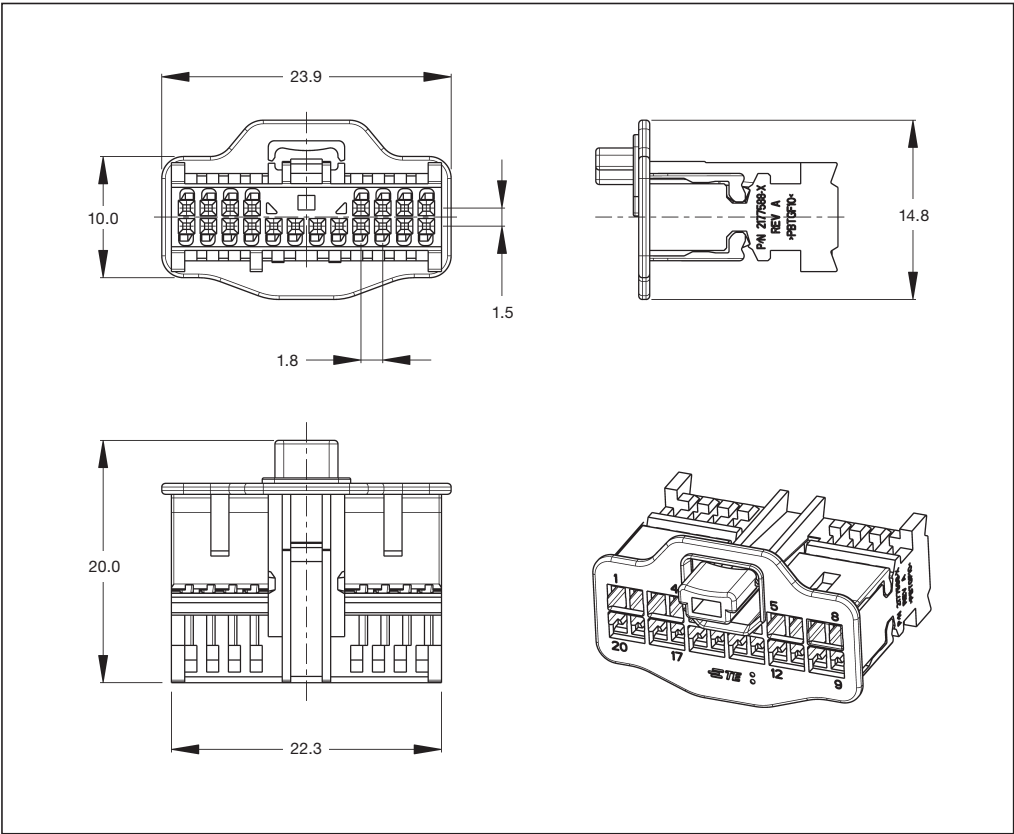
NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Receptacle Housings – 20 Positions



Technical Features

- No. of Positions:**
20 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Material and Finish:**
CuMg01, Sn over NiMating
- Product Specification:**
108-20315
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1

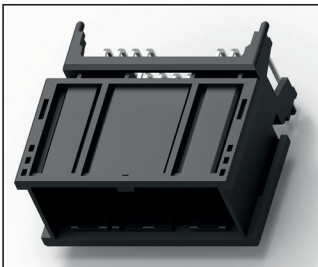


Receptacle Housings – 20 Positions

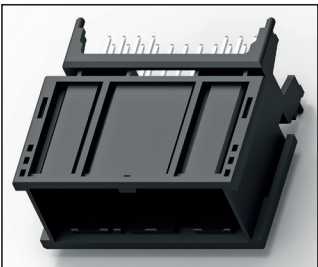
Keying Options	Housing Color	Part Numbers					Mating PCB Headers		Contacts
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Right Angle	Vertical	
Coding A	Black	2177588-1	N/A	N/A	N/A	N/A	0-2177367-3	0-2177766-3	x-1703930-x
Coding B		2177588-2					1-2177367-3	1-2177766-3	
Coding C		2177588-3*					2-2177367-3*	2-2177766-3*	
Coding D		2177588-4*					3-2177367-3*	3-2177766-3*	

*on request

Mating Header Connector
Right Angle see page 8

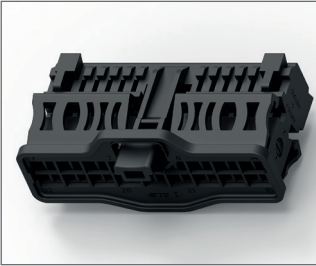


Mating Header Connector
Vertical see page 12



NanoMQS Interconnectors
NanoMQS Top Latch Unsealed

Receptacle Housings – 32 Positions



Technical Features

No. of Positions:
32 Positions

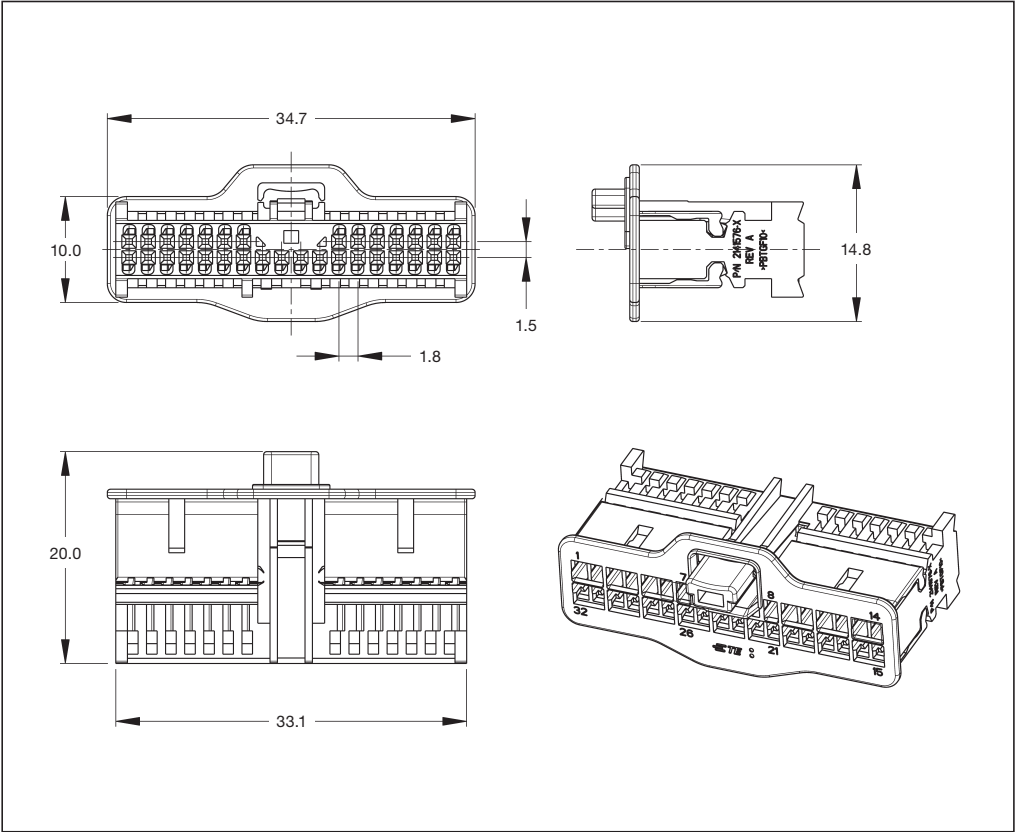
Housing Material:
PBT GF

Wire Size Range:
0.13 – 0.35mm²

Product Specification:
108-20315

Application Specification:
114-94033

Extraction Tool
1355968-1

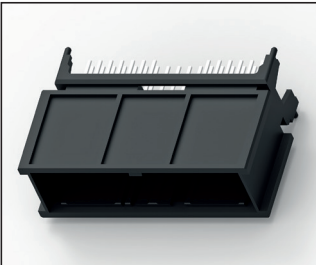


Receptacle Housings – 12 Positions

Keying Options	Housing Color	Receptacle Housing	Cover	Locking Device	Cover and Lever	Part Numbers Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2141576-1	N/A	N/A	N/A	N/A	0-2177419-3	0-2177748-3	x-1703930-x
Coding B		2141576-2					1-2177419-3	1-2177748-3	
Coding C		2141576-3					2-2177419-3	2-2177748-3	
Coding D		2141576-4*					3-2177419-3*	3-2177748-3*	

*on request

Mating Header Connector
Right Angle see page 9

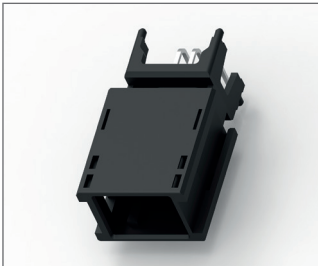


Mating Header Connector
Vertical see page 13



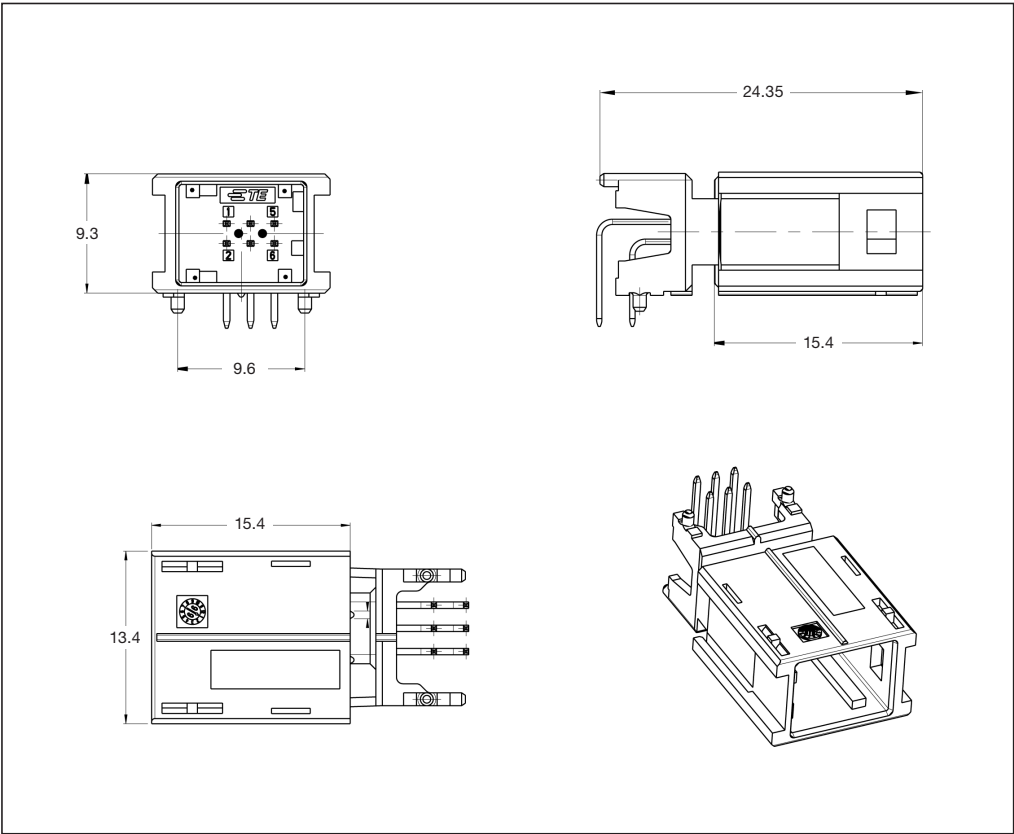
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Printed Circuit Board Header – 2 Row Design – 6 Positions



Technical Features

- No. of Positions:**
6 Positions
- Housing Material:**
LCP, Glas fibre reinforced
- Material and Finish:**
CuMg01, Sn over Ni
- Product Specification:**
108-94359
- Application Specification:**
114-94160



Printed Circuit Board Header – 2 Row Design – 6 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Right Angle	Cover	Lever	Retainer Housing	Mating Receptacle Housings
Coding A	Black	2208636-1	N/A	N/A	N/A	2208338-1
Coding B		2208636-2*				2208338-2
Coding C		2208636-3*				2208338-3*
Coding D		2208636-4*				2208338-4*

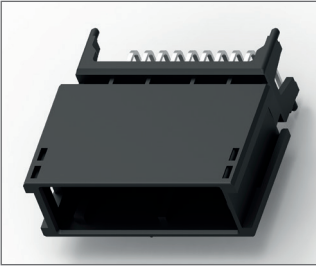
*on request

Mating Receptacle Housing
see page 20



NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Printed Circuit Board Header – 2 Row Design – 20 Positions



Technical Features

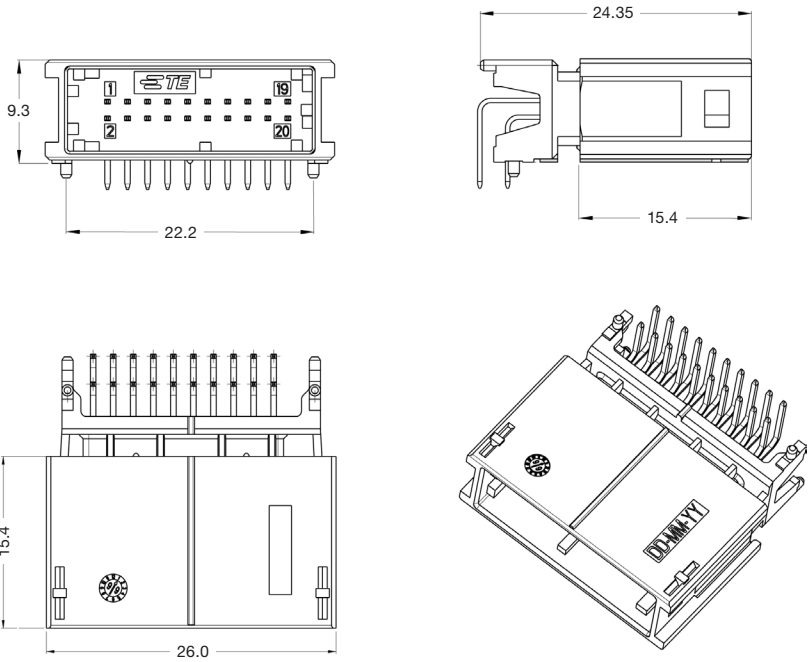
No. of Positions:
20 Positions

Housing Material:
LCP, Glas fibre reinforced

Material and Finish:
CuMg01, Sn over Ni

Product Specification:
108-94347

Application Specification:
114-94160

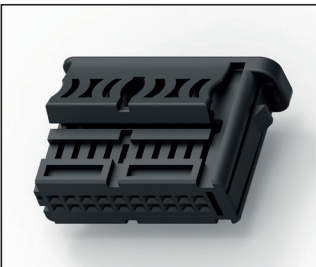


Printed Circuit Board Header – 2 Row Design – 20 Positions

Keying Options	Housing Color	Part Numbers				
		PCB Header Right Angle	Cover	Lever	Retainer Housing	Mating Receptacle Housings
Coding A	Black	2208165-1	N/A	N/A	N/A	2141404-1
Coding B		2208165-2				2141404-2
Coding C		2208165-3*				2141404-3*
Coding D		2208165-4*				2141404-4*

*on request

Mating Receptacle Housing
see page 23



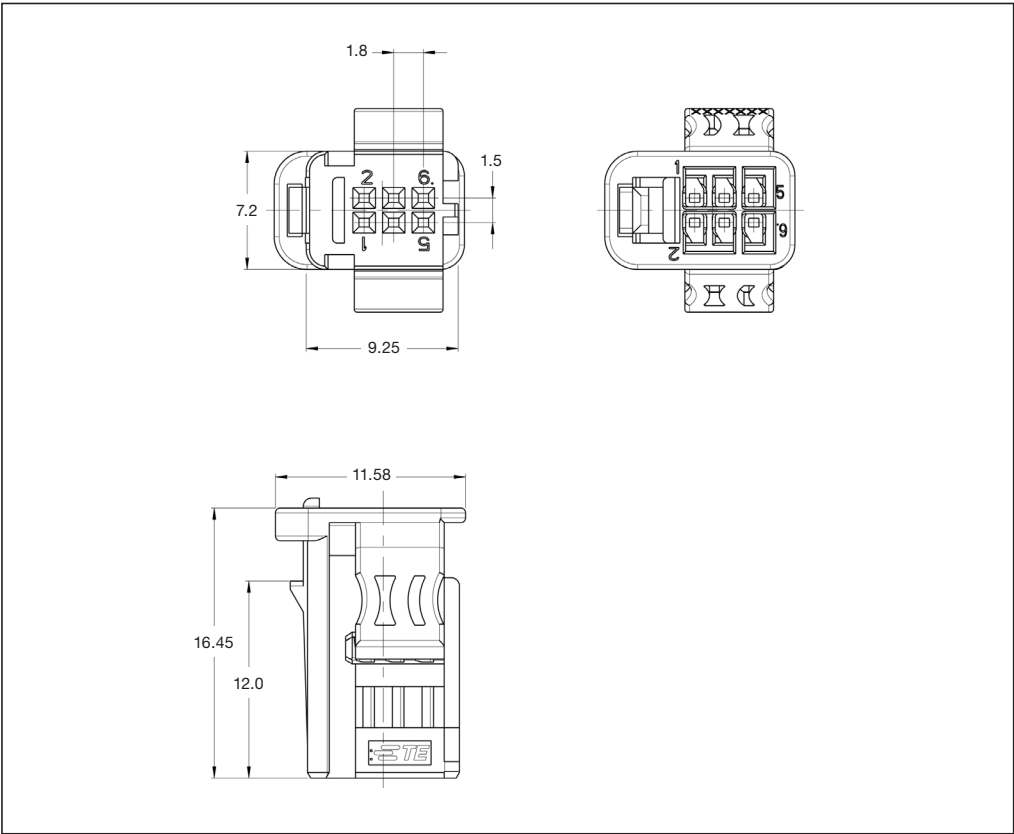
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 2 Row Design – 6 Positions



Technical Features

- No. of Positions:
6 Positions
- Housing Material:
PBT Glas fibre reinforced
- Wire Size Range:
0.13 – 0.35 mm²
- Product Specification:
108-94288
- Application Specification:
114-94033
- Extraction Tool
1355968-1

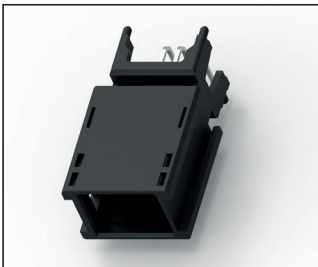


Receptacle Housings – 2 Row Design – 6 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2208338-1	N/A	N/A	N/A	N/A	2208636-1	TBD	x-1703930-x
Coding B		2208338-2					2208636-2 *		
Coding C		2208338-3 *					2208636-3 *		
Coding D		2208338-4 *					2208636-4 *		

*on request

Mating Header
see page 18



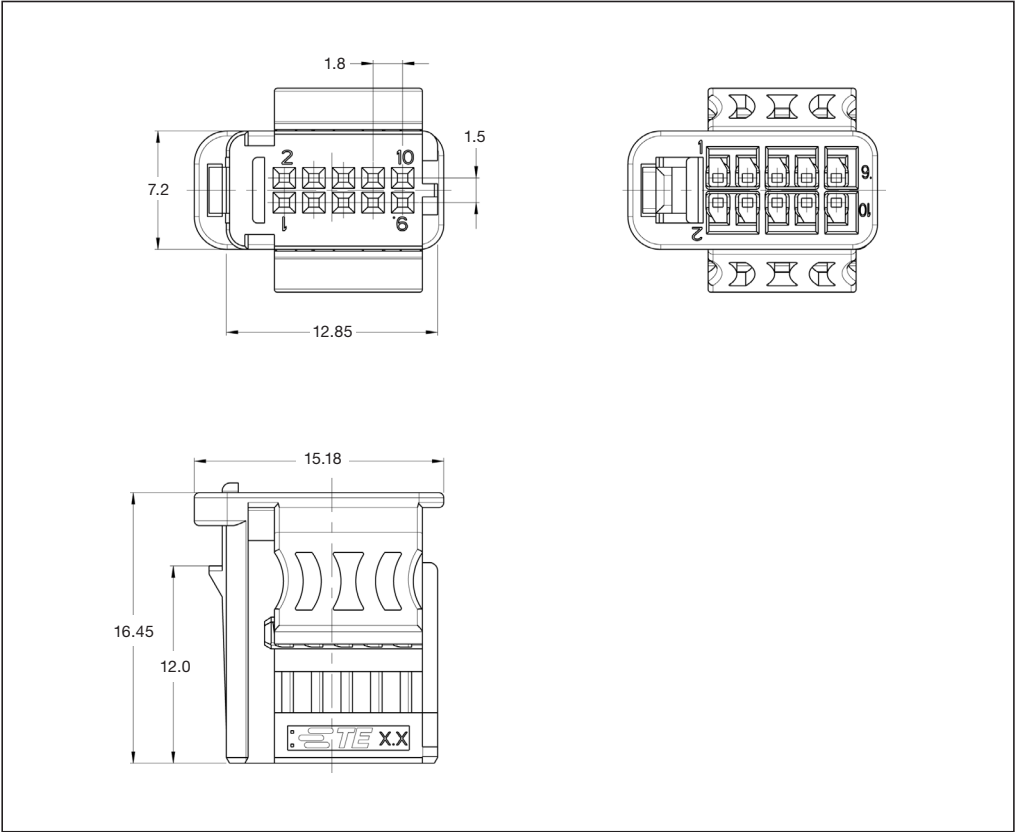
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 2 Row Design – 10 Positions



Technical Features

- No. of Positions:**
10 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



Receptacle Housings – 2 Row Design – 10 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2208339-1	N/A	N/A	N/A	N/A	TBD	TBD	x-1703930-x
Coding B		2208339-2							
Coding C		2208339-3*							
Coding D		2208339-4*							

*on request

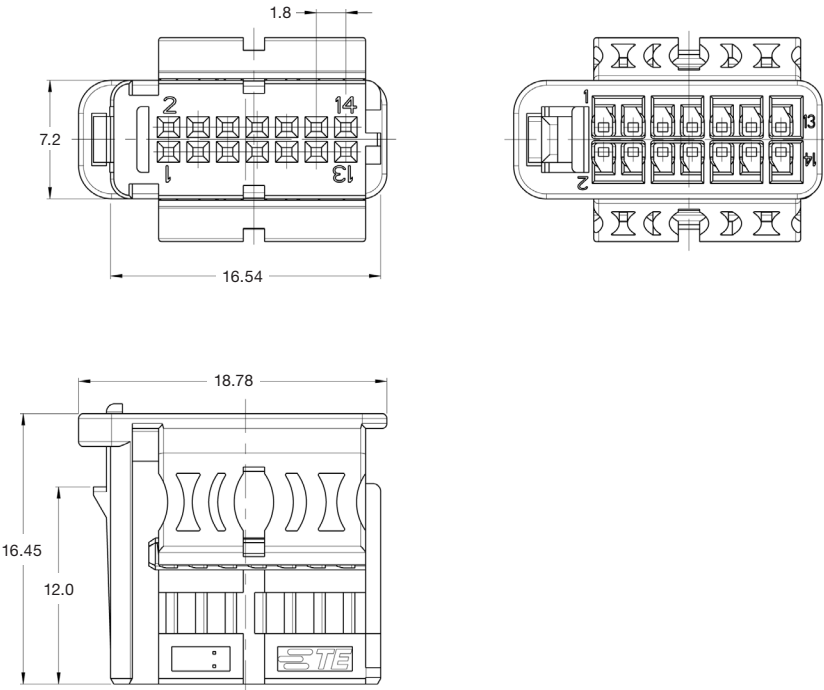
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 2 Row Design – 14 Positions



Technical Features

- No. of Positions:
14 Positions
- Housing Material:
PBT Glas fibre reinforced
- Wire Size Range:
0.13 – 0.35 mm²
- Product Specification:
108-94288
- Application Specification:
114-94033
- Extraction Tool
1355968-1



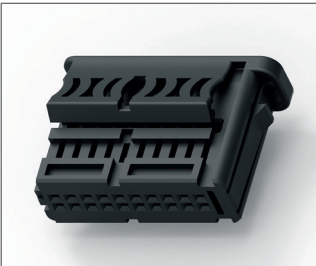
Receptacle Housings – 2 Row Design – 14 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2208340-1	N/A	N/A	N/A	N/A	TBD	TBD	x-1703930-x
Coding B		2208340-2							
Coding C		2208340-3 *							
Coding D		2208340-4 *							

*on request

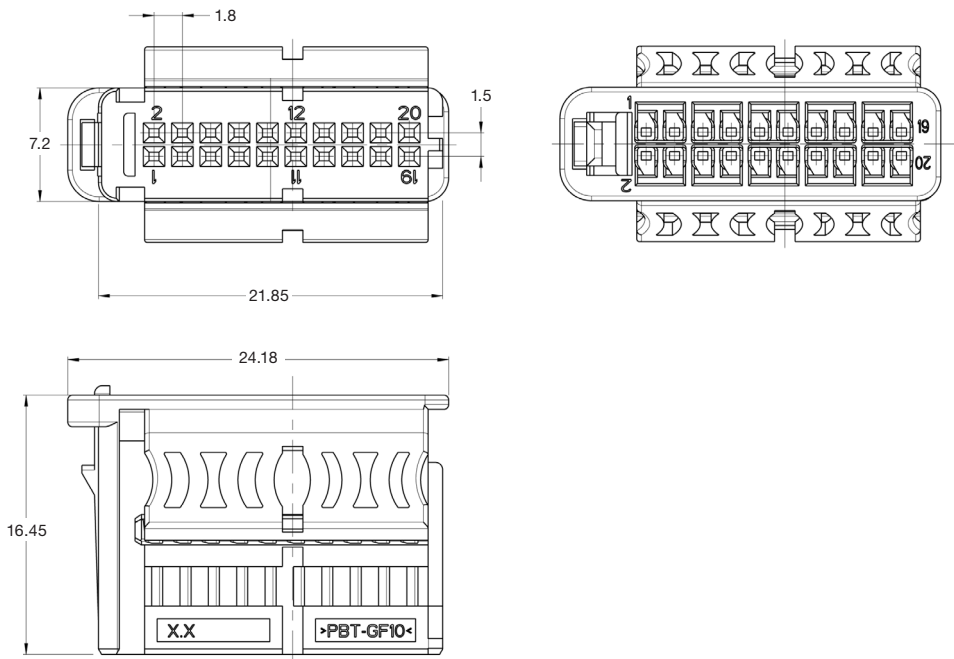
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 2 Row Design – 20 Positions



Technical Features

- No. of Positions:**
20 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1

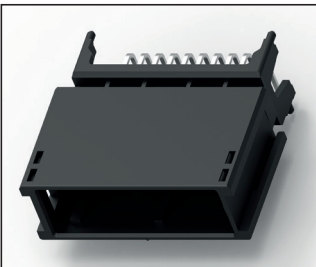


Receptacle Housings – 2 Row Design – 20 Positions

Keying Options	Housing Color	Part Numbers					Mating PCB Headers		Contacts
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Right Angle	Vertical	
Coding A	Black	2141404-1	N/A	N/A	N/A	N/A	2208165-1	TBD	x-1703930-x
Coding B		2141404-2					2208165-2		
Coding C		2141404-3*					2208165-3*		
Coding D		2141404-4*					2208165-4*		

*on request

Mating Header
see page 19



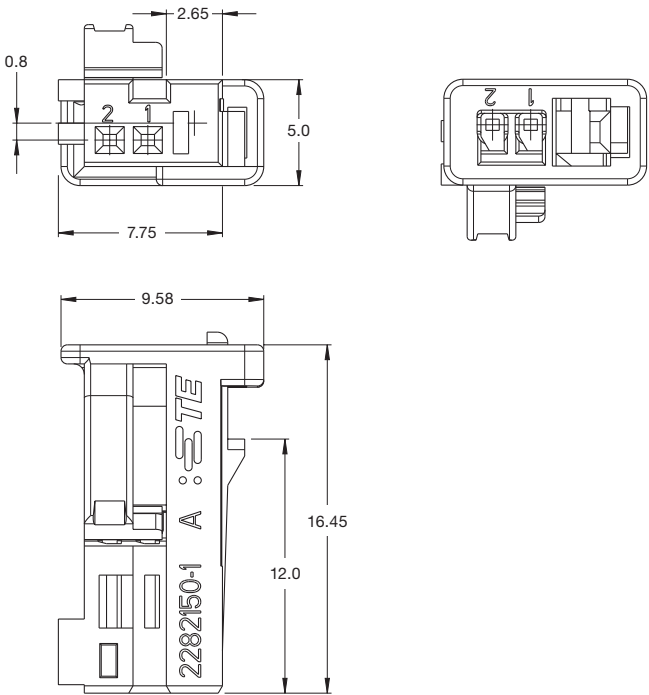
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 2 Positions



Technical Features

- No. of Positions:**
2 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



Receptacle Housings – 1 Row Design – 2 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282150-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282150-2							
Coding C		2282150-3 *							
Coding D		2282150-4 *							

*on request

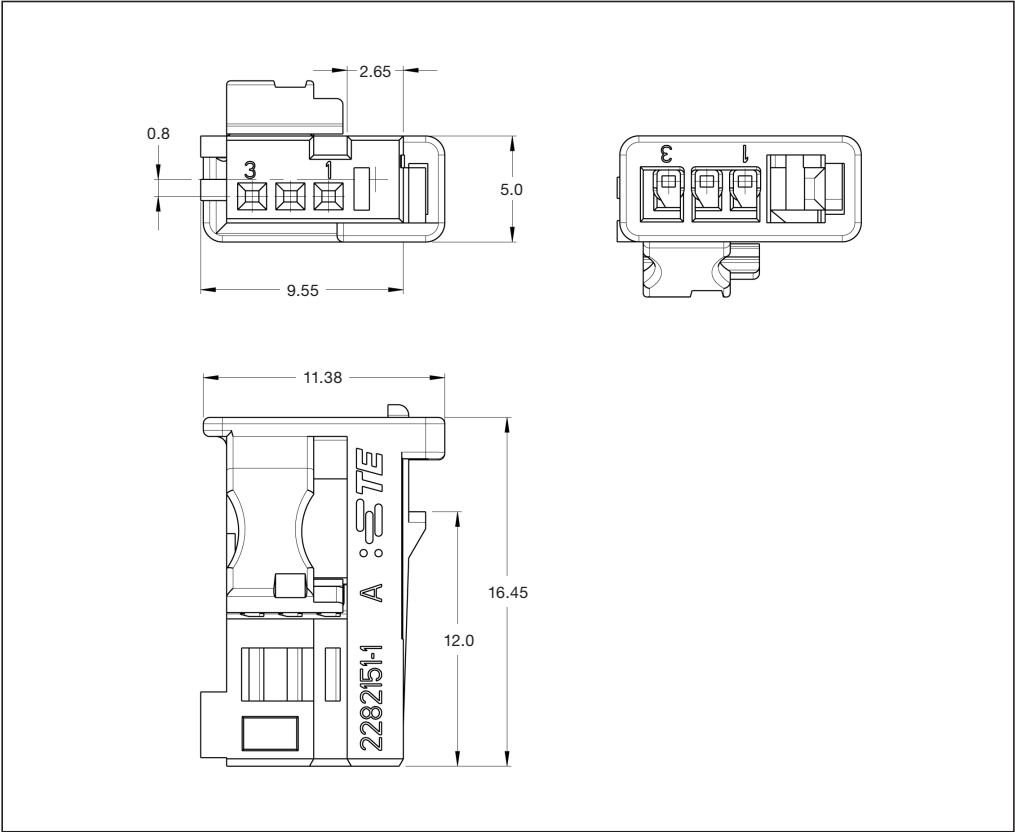
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 3 Positions



Technical Features

- No. of Positions:**
3 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



Receptacle Housings – 1 Row Design – 3 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282151-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282151-2							
Coding C		2282151-3*							
Coding D		2282151-4*							

*on request

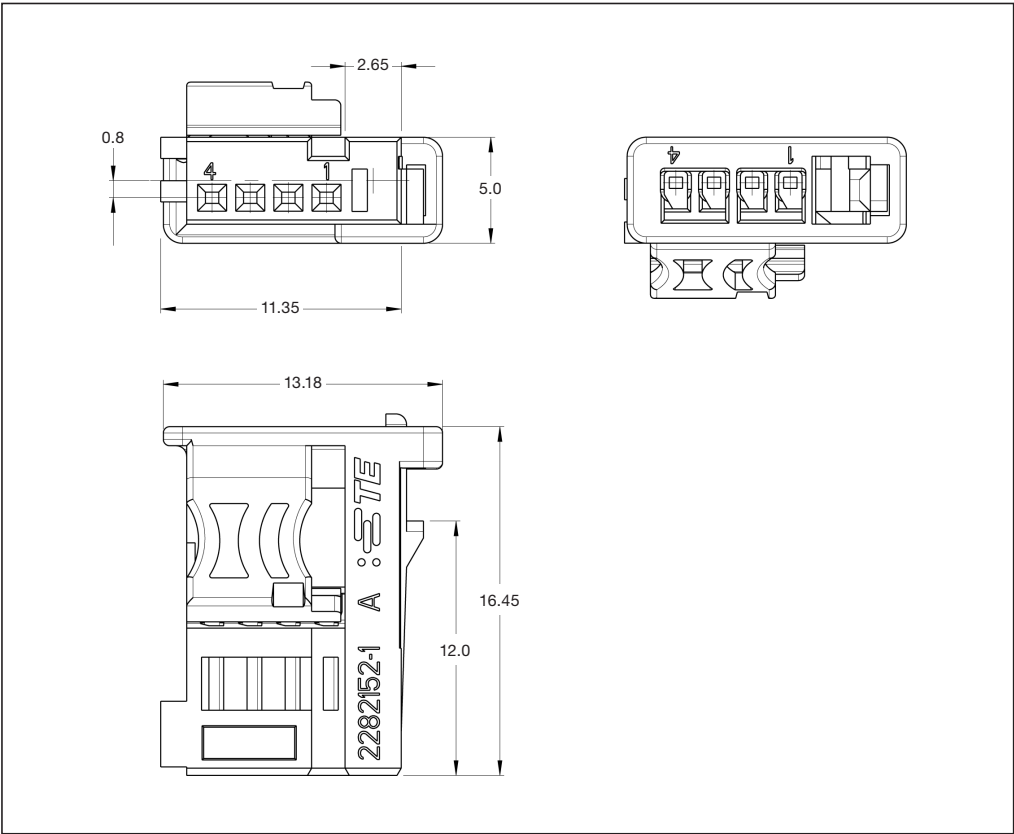
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 4 Positions



Technical Features

- No. of Positions:**
4 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



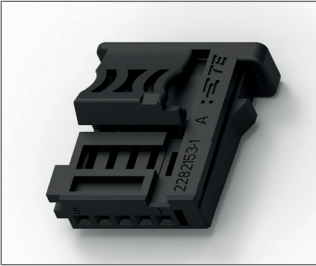
Receptacle Housings – 1 Row Design – 4 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282152-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282152-2							
Coding C		2282152-3*							
Coding D		2282152-4*							

*on request

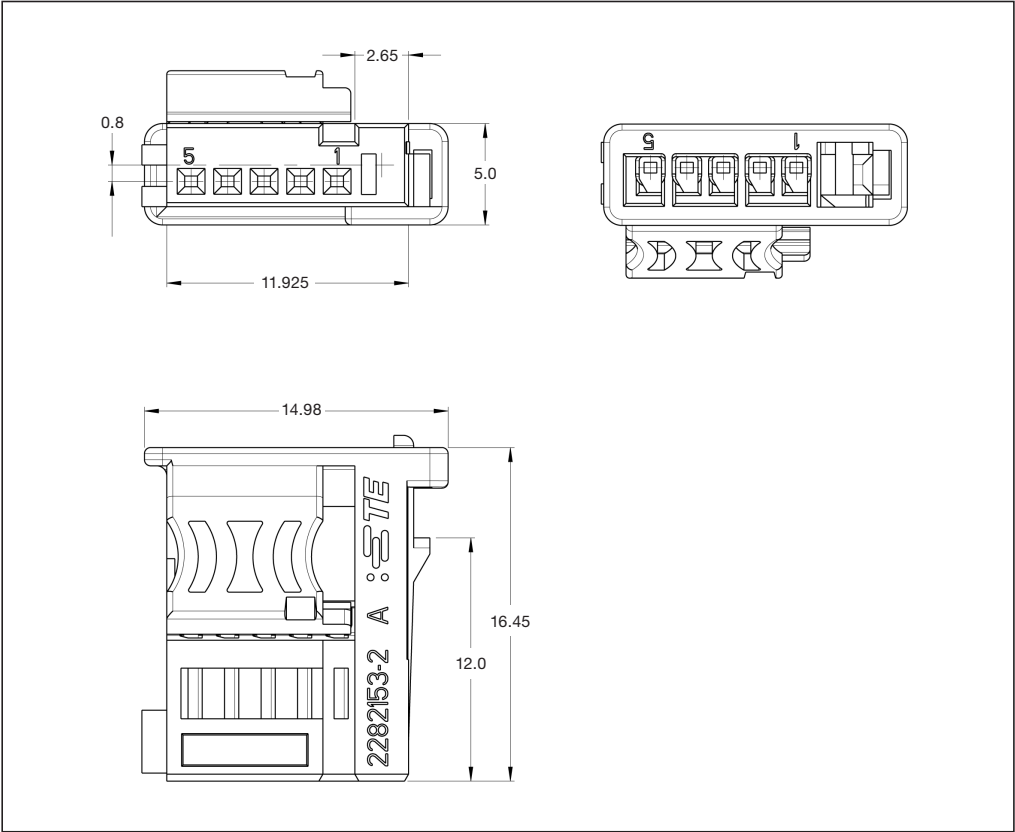
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 5 Positions



Technical Features

- No. of Positions:**
5 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



Receptacle Housings – 1 Row Design – 5 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282153-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282153-2							
Coding C		2282153-3*							
Coding D		2282153-4*							

*on request

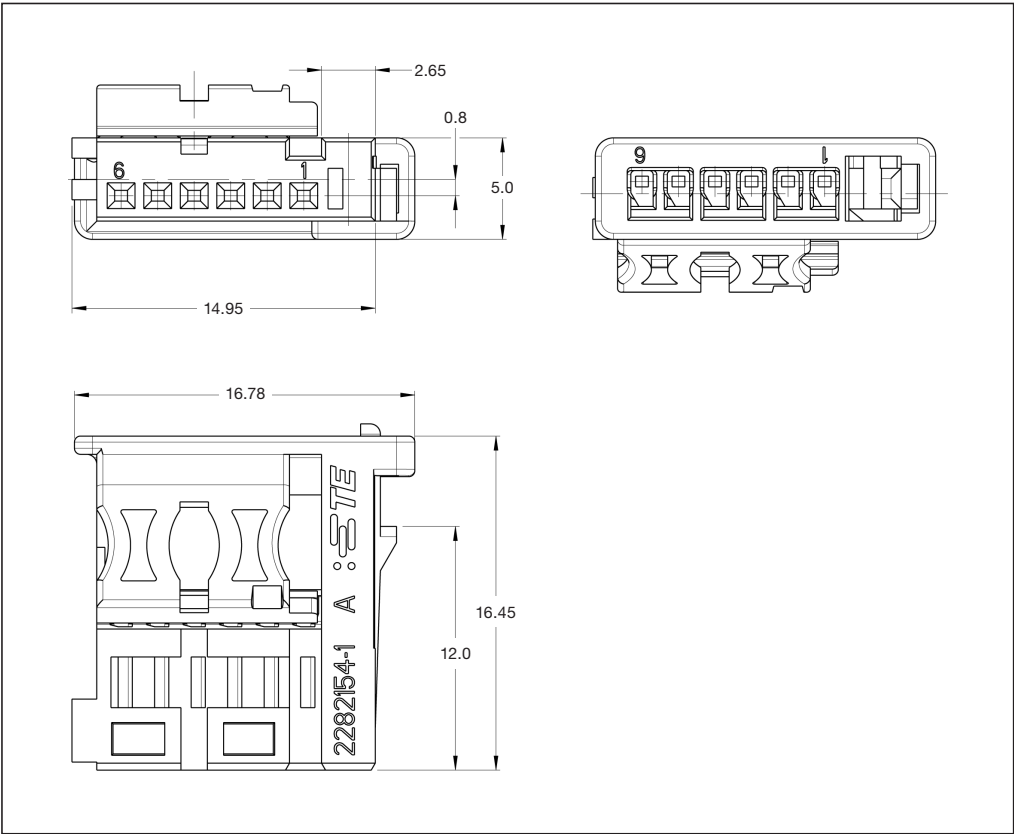
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 6 Positions



Technical Features

- No. of Positions:
6 Positions
- Housing Material:
PBT Glas fibre reinforced
- Wire Size Range:
0.13 – 0.35 mm²
- Product Specification:
108-94288
- Application Specification:
114-94033
- Extraction Tool
1355968-1



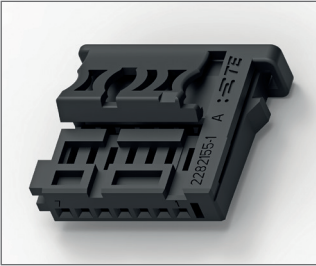
Receptacle Housings – 1 Row Design – 6 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Cover
							Right Angle	Vertical	
Coding A	Black	2282154-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282154-2							
Coding C		2282154-3*							
Coding D		2282154-4*							

*on request

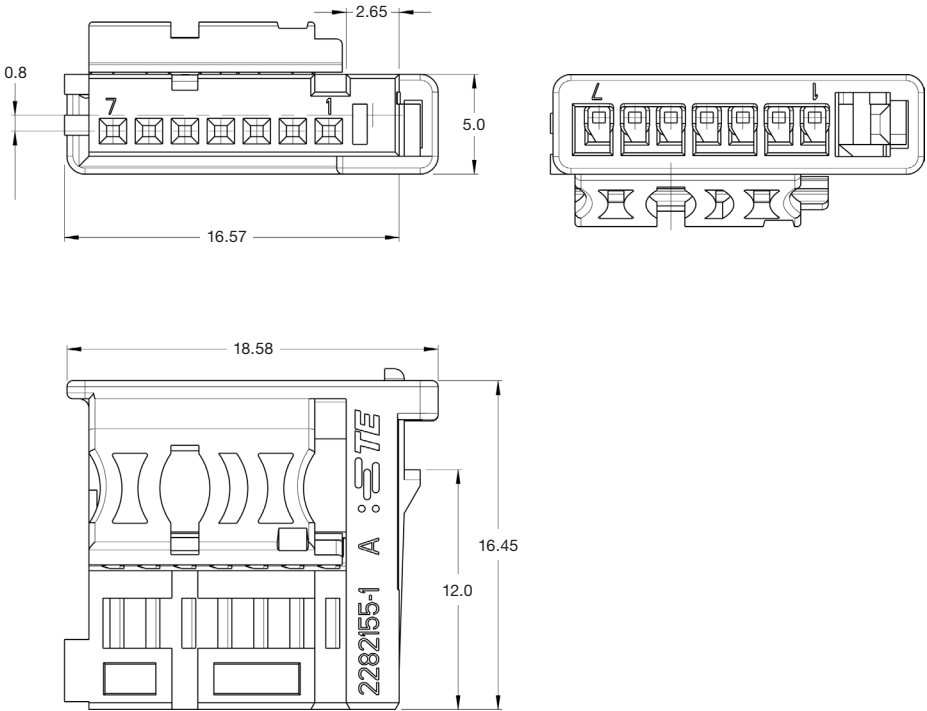
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 7 Positions



Technical Features

- No. of Positions:**
7 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



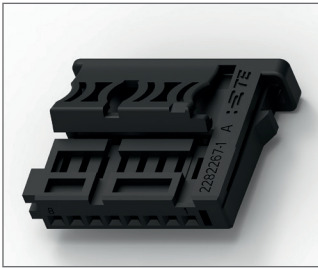
Receptacle Housings – 1 Row Design – 7 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282155-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282155-2							
Coding C		2282155-3*							
Coding D		2282155-4*							

*on request

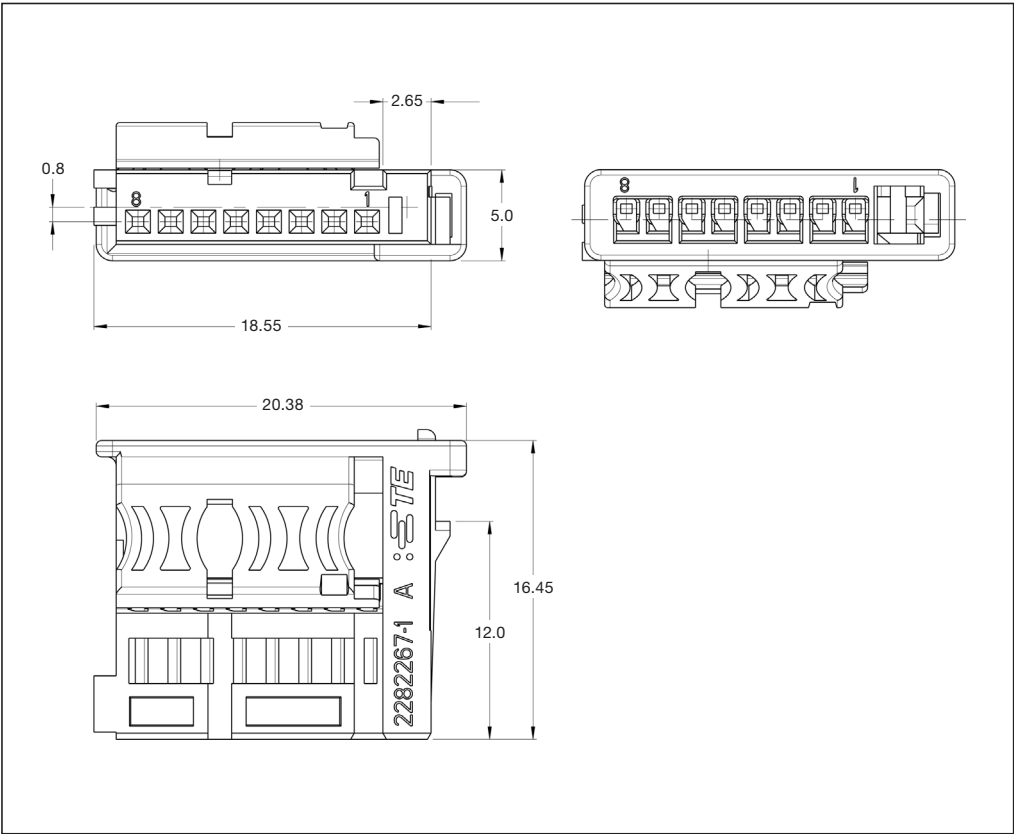
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 8 Positions



Technical Features

- No. of Positions:**
8 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



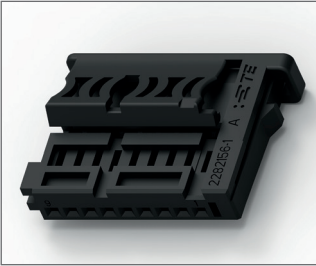
Receptacle Housings – 1 Row Design – 8 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282267-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282267-2							
Coding C		2282267-3*							
Coding D		2282267-4*							

*on request

NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 9 Positions



Technical Features

No. of Positions:
9 Positions

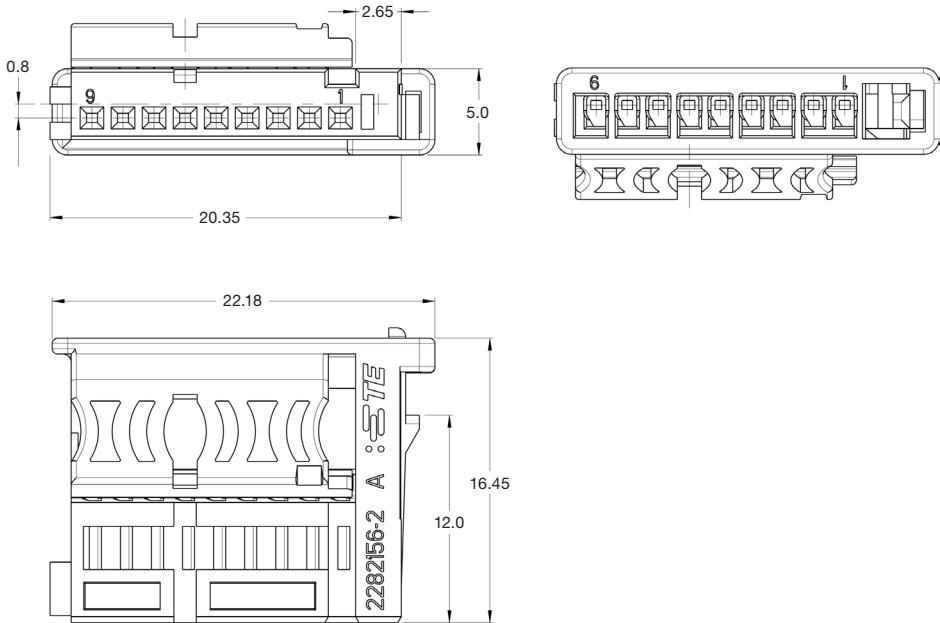
Housing Material:
PBT Glas fibre reinforced

Wire Size Range:
0.13 – 0.35 mm²

Product Specification:
108-94288

Application Specification:
114-94033

Extraction Tool
1355968-1



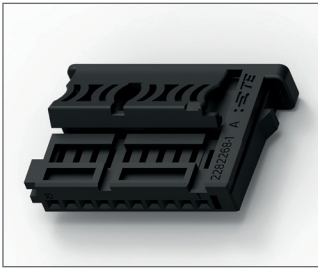
Receptacle Housings – 1 Row Design – 9 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282156-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282156-2							
Coding C		2282156-3*							
Coding D		2282156-4*							

*on request

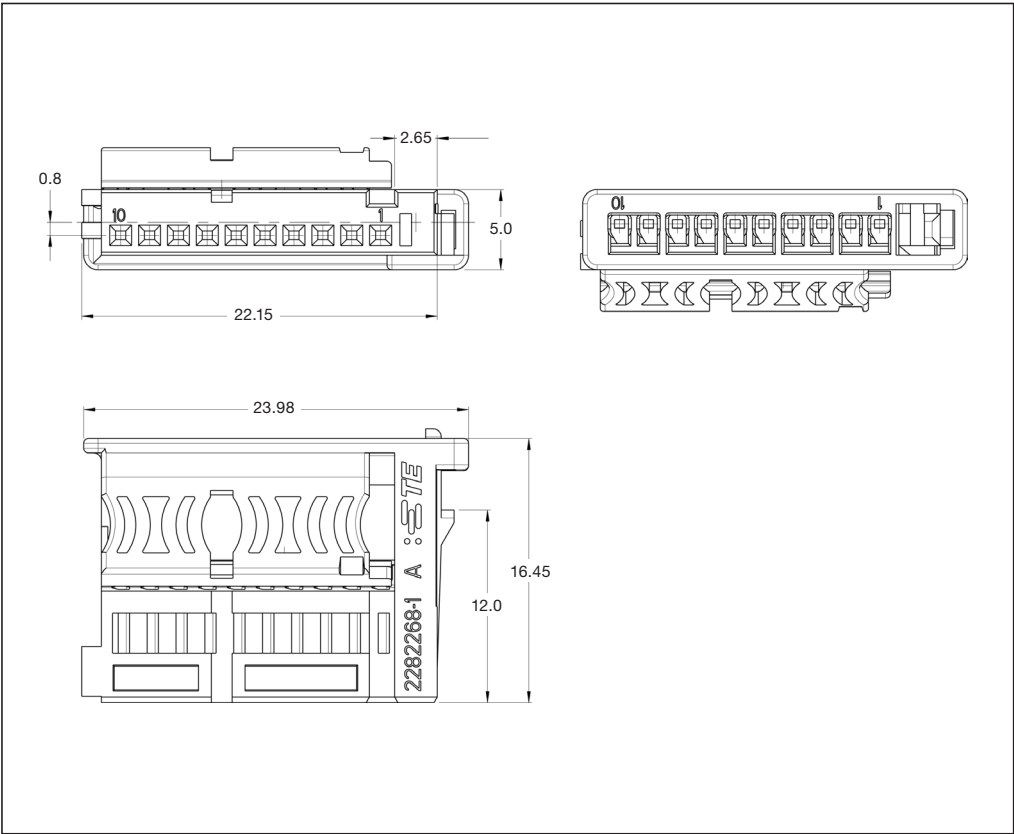
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 10 Positions



Technical Features

- No. of Positions:**
10 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



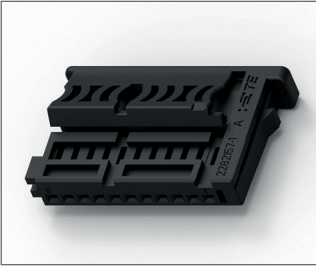
Receptacle Housings – 1 Row Design – 10 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282268-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282268-2							
Coding C		2282268-3*							
Coding D		2282268-4*							

*on request

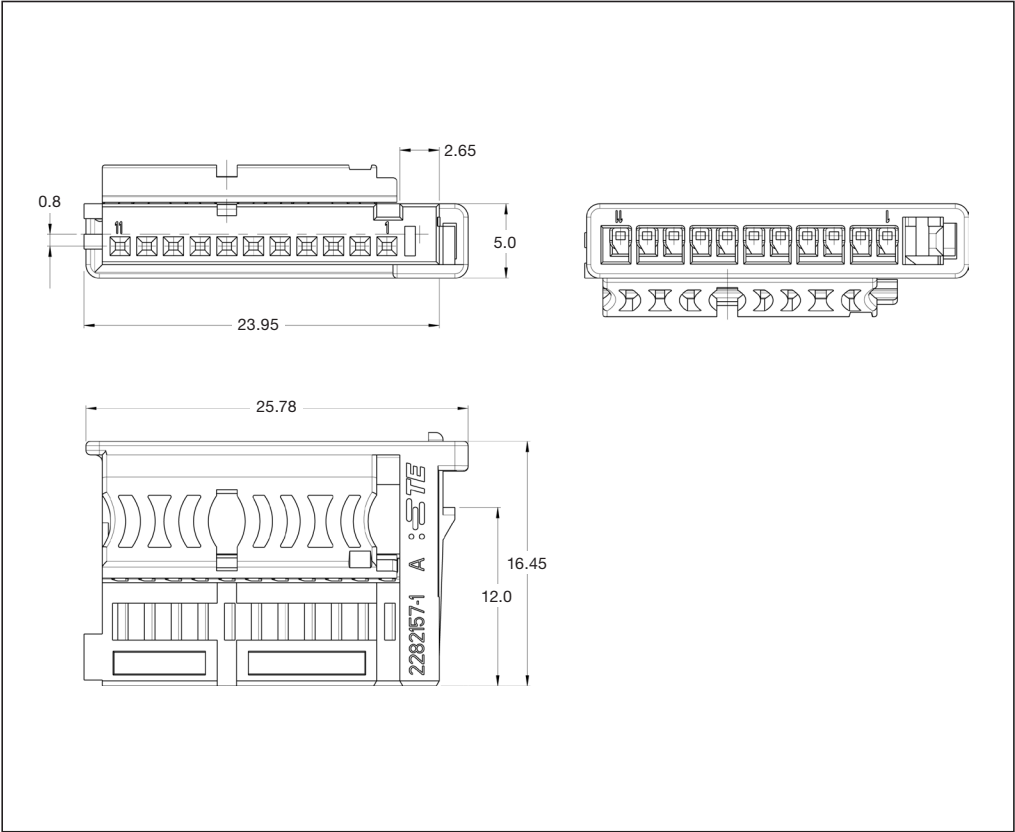
NanoMQS Interconnectors
NanoMQS Side Latch Unsealed

Receptacle Housings – 1 Row Design – 11 Positions



Technical Features

- No. of Positions:**
11 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.13 – 0.35 mm²
- Product Specification:**
108-94288
- Application Specification:**
114-94033
- Extraction Tool:**
1355968-1



Receptacle Housings – 1 Row Design – 11 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2282157-1	N/A	N/A	N/A	TBD	TBD	TBD	x-1703930-x
Coding B		2282157-2							
Coding C		2282157-3*							
Coding D		2282157-4*							

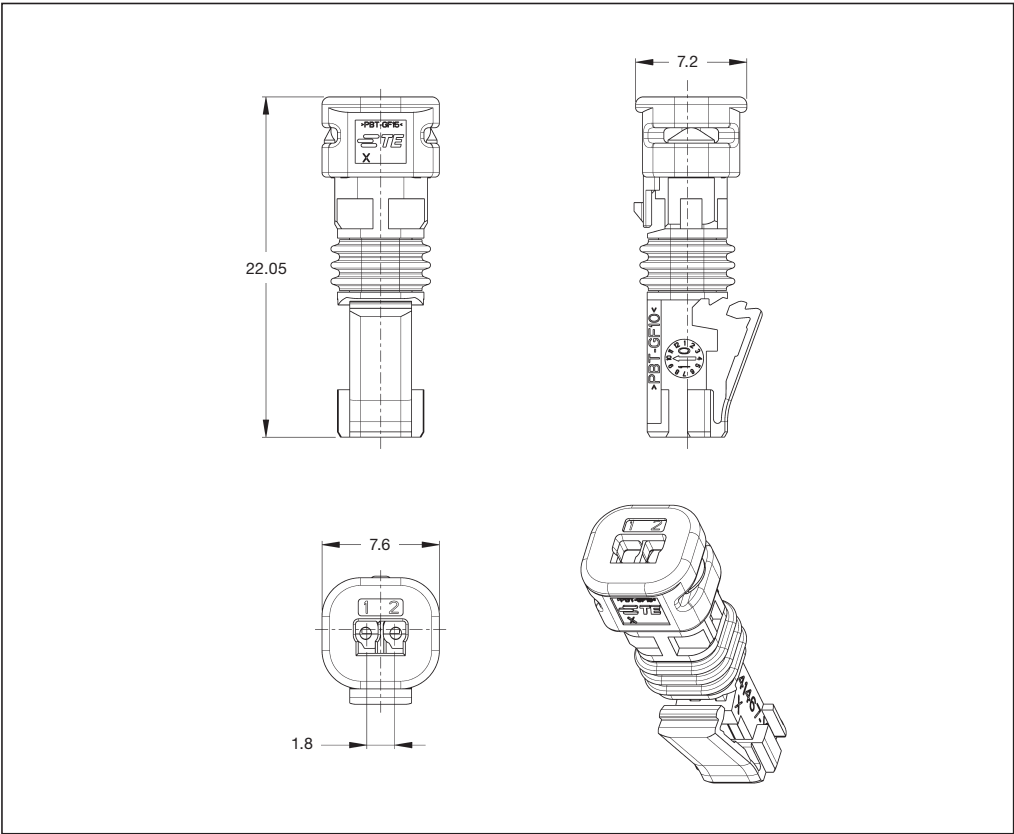
*on request

Receptacle Housings – 2 Positions



Technical Features

- No. of Positions:**
2 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.22 – 0.35mm²
- Product Specification:**
108-94320
- Application Specification:**
114-94174
- Extraction Tool**
1355968-1



Receptacle Housings – 2 Positions

Keying Options	Housing Color	Part Numbers							
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		Contacts
							Right Angle	Vertical	
Coding A	Black	2141467-1	N/A	N/A	N/A	114-94000-14 *)	←	←	x-1703930-x
Coding B		2141467-2							
Coding C		2141467-3							

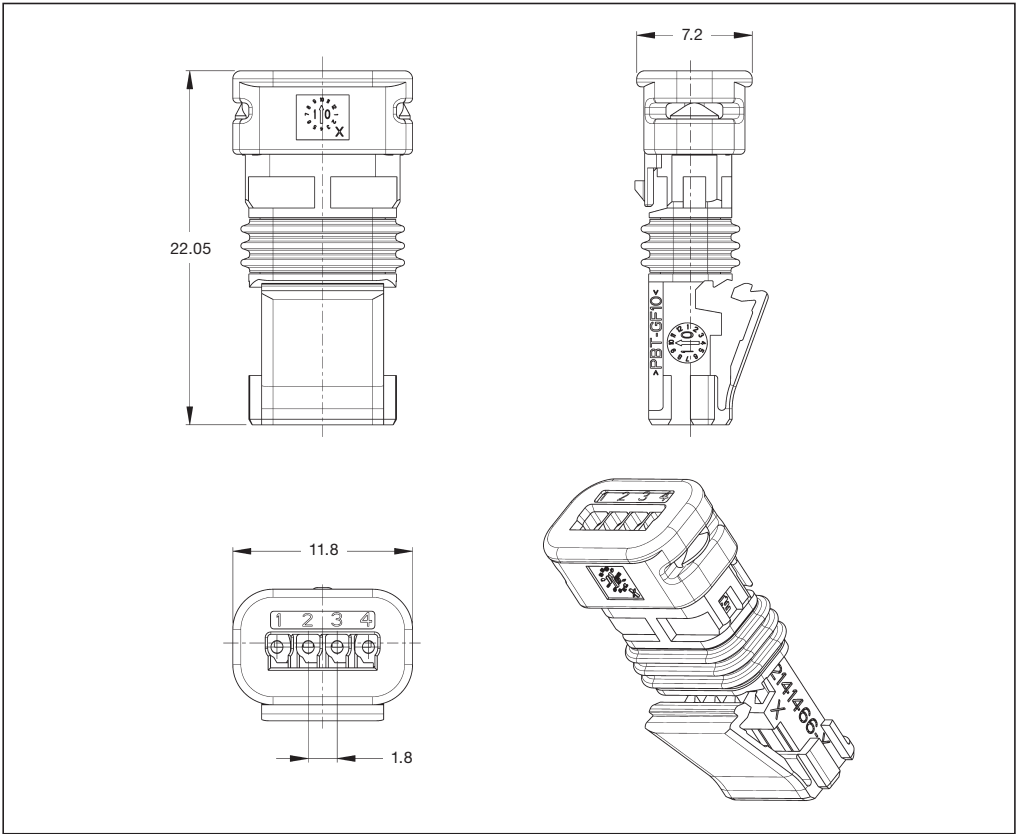
*) Interface Drawing Number

Receptacle Housings – 4 Positions



Technical Features

- No. of Positions:**
4 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.22 – 0.35mm²
- Product Specification:**
108-94320
- Application Specification:**
114-94174
- Extraction Tool**
1355968-1



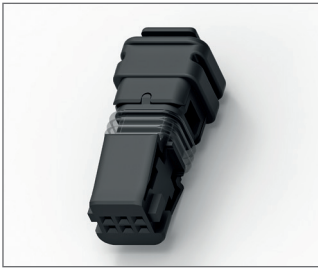
Receptacle Housings – 4 Positions

Keying Options	Housing Color	Part Numbers					Mating PCB Headers		Contacts
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Right Angle	Vertical	
Coding A	Black	2141466-1	N/A	N/A	N/A	114-94000-14 *)	←	←	x-1703930-x

*) Interface Drawing Number

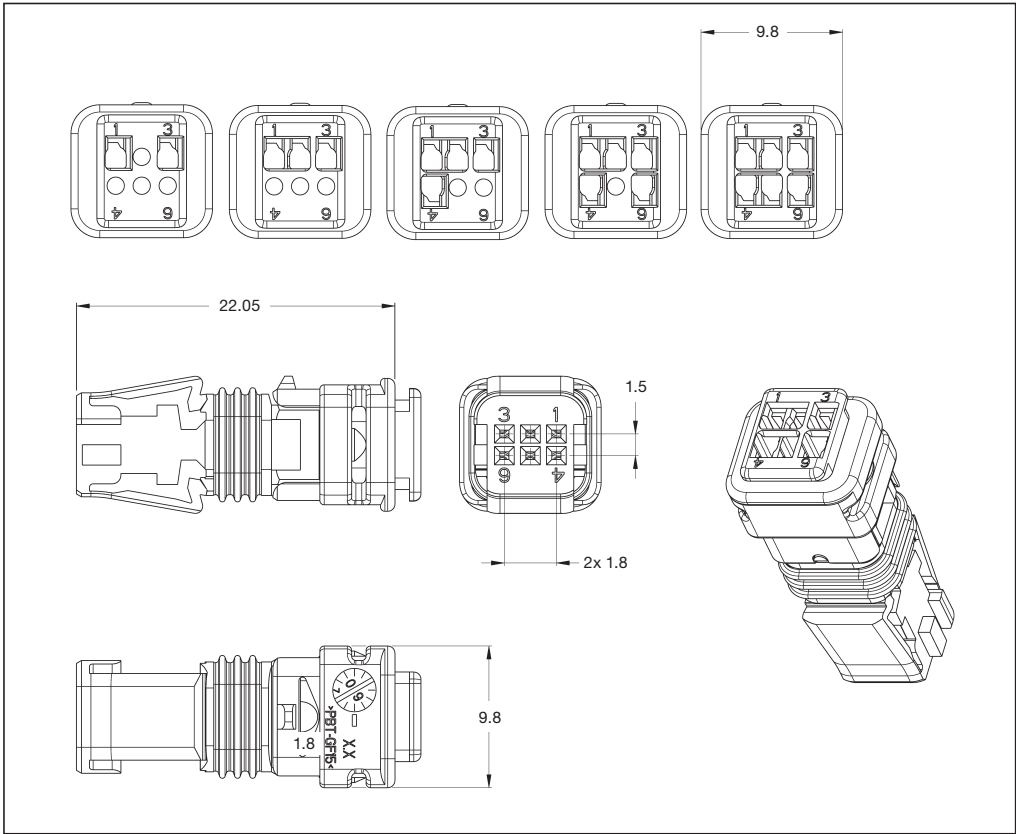
NanoMQS Interconnectors
NanoMQS Sealed Housings

Receptacle Housings – 2-6 Positions



Technical Features

- No. of Positions:
2–6 Positions
- Housing Material:
PBT Glas fibre reinforced
- Wire Size Range:
0.22 – 0.35mm²
- Product Specification:
108-94288-4
- Application Specification:
114-94033
- Extraction Tool
1355968-1



Receptacle Housings – 2-6 Positions

No. of Positions	Keying Options	Housing Color	Part Numbers							Contacts
			Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Mating PCB Headers		
								Right Angle	Vertical	
6	Coding A	Black	0-2112594-1	N/A	N/A	N/A	114-94000-18 *)	←	←	x-1703930-x
	Coding B	Grey	0-2112594-2							
5	Coding A	Black	5-2112594-1	N/A	N/A	N/A	114-94000-18 *)	←	←	
	Coding B	Grey	5-2112594-2							
4	Coding A	Black	4-2112594-1	N/A	N/A	N/A	114-94000-18 *)	←	←	
	Coding B	Grey	4-2112594-2							
3	Coding A	Black	3-2112594-1	N/A	N/A	N/A	114-94000-18 *)	←	←	
	Coding B	Grey	3-2112594-2							
2	Coding A	Black	2-2112594-1	N/A	N/A	N/A	114-94000-18 *)	←	←	
	Coding B	Grey	2-2112594-2							

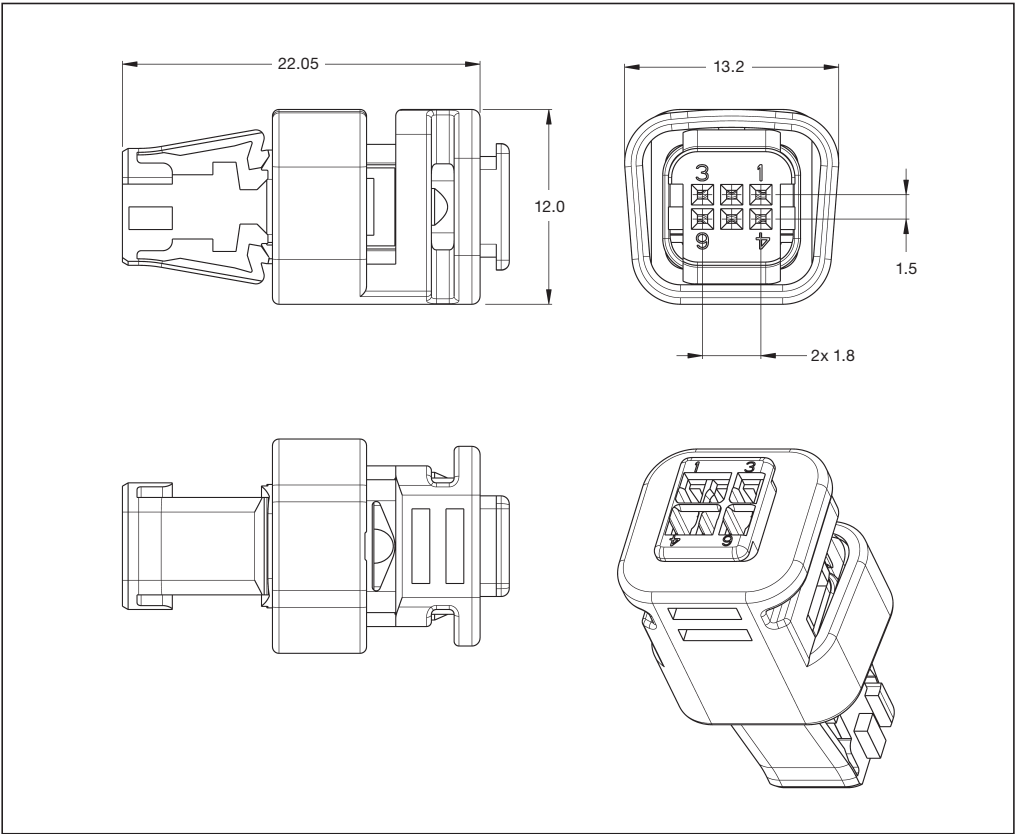
*) Interface Drawing Number

Receptacle Housings – 6 Positions



Technical Features

- No. of Positions:**
6 Positions
- Housing Material:**
PBT Glas fibre reinforced
- Wire Size Range:**
0.22 – 0.35mm²
- Product Specification:**
108-94288-4
- Application Specification:**
114-94033
- Extraction Tool**
1355968-1



Receptacle Housings – 6 Positions

Keying Options	Housing Color	Part Numbers					Mating PCB Headers		Contacts
		Receptacle Housing	Cover	Locking Device	Cover and Lever	Mating Tab Housing	Right Angle	Vertical	
Coding A	Black	0-2112593-1	N/A	N/A	N/A	114-94000-18 *)	←	←	x-1703930-x
Coding B	Gray	0-2112593-2	N/A	N/A	N/A	114-94000-18 *)	←	←	

*) Interface Drawing Number