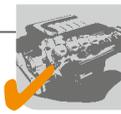


POWERTRAIN SYSTEMS



SAFETY & SECURITY SYSTEMS



CONVENIENCE



DRIVER INFORMATION



BODY & CHASSIS SYSTEMS

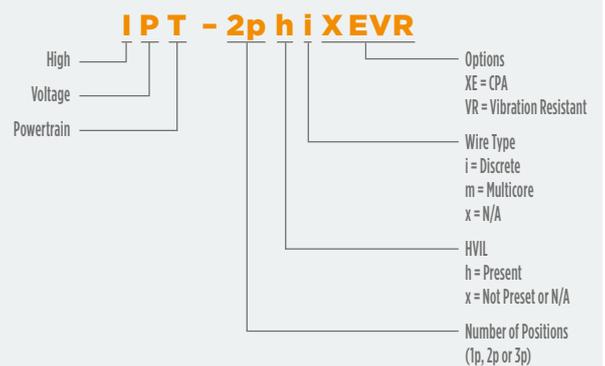


AMP+ IPT

INTRODUCTION

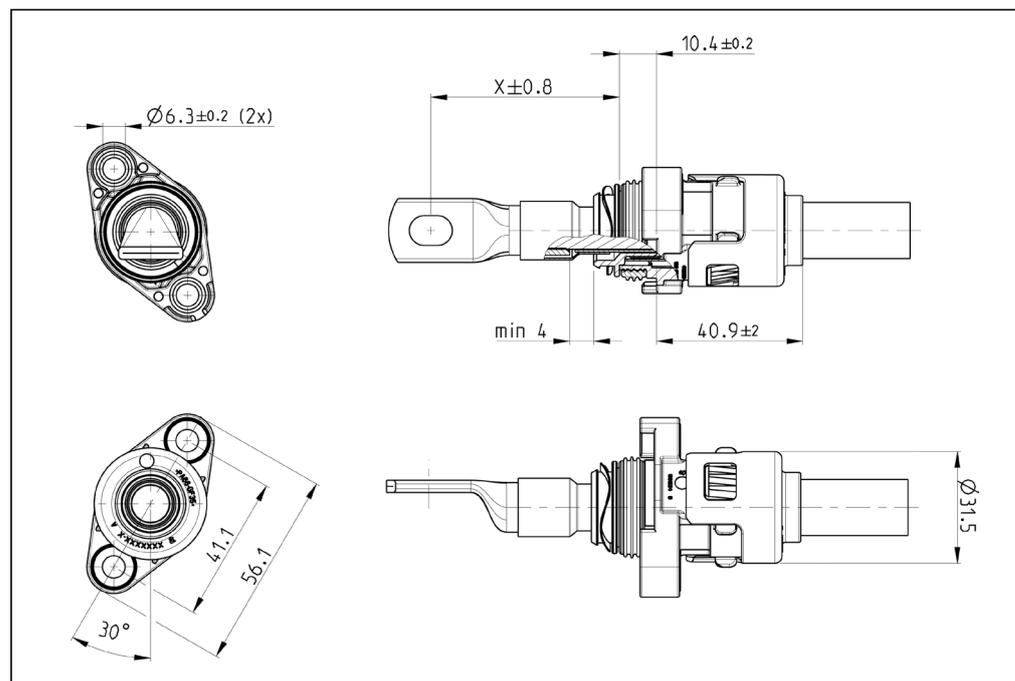
Connector for powertrain applications in high vibration environment, up to 300A (depending on wire cross section) at 105°. Used e.g. to connect inverter to e-machine and charging applications.

Naming Convention IPT Connector Family





AMP IPT 1pxi



Drawing 114-94131-1 *

Technical Features

Pin Number:

1

Contact System:

IPT screwed

Conductor Cross-sections:

16-50 mm²

Voltage Range:

800-1000 VDC

Operation Temperature:

-40 °C to +140 °C

Current Carrying Capacity:

300A @ 105 °C (50 mm²)

IP Rating:

IP6k9k

HVIL:

no

CPA:

no

Fire Classification:

HB

Vibration Level:

4

Application Specification:

114-94133

Product Specification:

108-94293

Interface Drawing:

114-94132-1

AMP IPT 1pxi

Version (Cable Dimension)	Coding	Order Information
	A	
	B	
25 / 35 / 50 mm ² (acc. LV216-2)	C	To be Ordered see drawing!
	D	
	E	
	F	
16 mm ²	in planning	

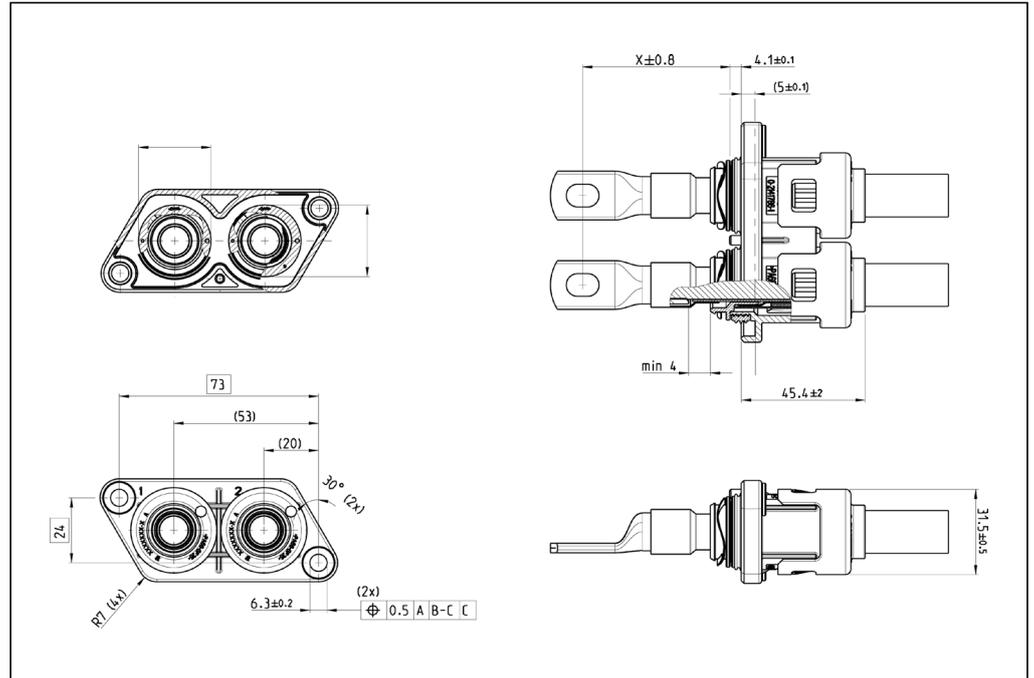
* Drawing Number is NOT the Order Number!



AMP IPT 2pxi

Technical Features

- Pin Number:**
2
- Contact System:**
IPT screwed
- Conductor Cross-sections:**
16-50 mm²
- Voltage Range:**
800-1000 VDC
- Operation Temperature:**
-40 °C to +140 °C
- Current Carrying Capacity:**
300A @ 105 °C (50 mm²)
- IP Rating:**
IP6k9k
- HVIL:**
no
- CPA:**
no
- Fire Classification:**
HB
- Vibration Level:**
4
- Application Specification:**
114-94133
- Product Specification:**
108-94293
- Interface Drawing:**
114-94132-2



Drawing 114-94131-2 *

AMP IPT 2pxi

Version (Cable Dimension)		Coding	Order Information
25 / 35 / 50 mm ²	released	A	To be Ordered see drawing!
16 mm ²	in planning		

* Drawing Number is NOT the Order Number!

AMP+ IPT



AMP IPT 3pxi

Technical Features

Pin Number:

3

Contact System:

IPT screwed

Conductor Cross-sections:

16-50 mm²

Voltage Range:

800-1000 VDC

Operation Temperature:

-40 °C to +140 °C

Current Carrying Capacity:

300A @ 105 °C (50 mm²)

IP Rating:

IP6k9k

HVIL:

no

CPA:

No

Fire Classification:

HB

Vibration Level:

4

Application Specification:

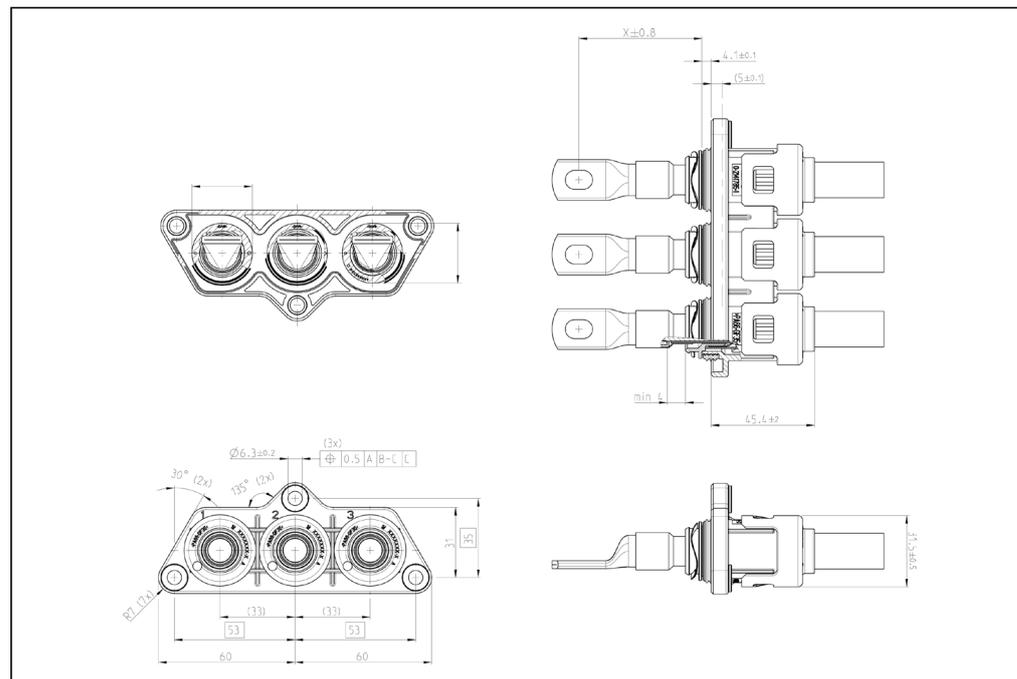
114-94133

Product Specification:

108-94293

Interface Drawing:

114-94132-3



Drawing 114-94131-3 *

AMP IPT 3pxi

Version (Cable Dimension)		Coding	Order Information
25 / 35 / 50 mm ²	released	A	To be Ordered see drawing!
16 mm ²	in planning		

* Drawing Number is NOT the Order Number!