



CONNECTOR HOUSINGS



TE CONNECTIVITY (TE) PLUG SUBASSY, F, HVA280-2PHM F High Power Connector System

4-2103015-6
TE Internal Number: 4-2103015-6

Always EU RoHS/ELV Compliant
Connector Style **Housing for female terminals**
Mating Tab Width **2.8 mm [.11 in]**

Number of Positions **2**
Pitch **10.4 mm [.409 in]**

Sealed **Yes**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[PLUG SUB-ASSEMBLY, HVA280-2PHM](#)
PDF
English

CAD Files

[Customer View Model](#)
3D_IGS.ZIP
English

[Customer View Model](#)
3D_STP.ZIP
English

[Customer View Model](#)
2D_DXF.ZIP
English

[3D PDF](#)
PDF
3D

Product Specifications

Application Specification

[AMP+ HVA280-3pxm XE High-Voltage Plug Connector With 2-Stage Latching](#)
PDF
English

[AMP+ HVA280-2phm High-Voltage Plug Connector With Shunted HVIL](#)
PDF
English

[AMP+ HVA280-2phm High-Voltage Plug Connector With Pass Through HVIL And 2-Stage Latching](#)
PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing

for all design activity.

Product Type Features	Connector Style	Housing for female terminals
	Sealed	Yes
	Hybrid Connector	No
	Primary Locking Feature	On the terminal
	Connector System	Wire-to-Board/Device
	Strain Relief	Yes

Configuration Features	Number of Positions	2
	Number of Rows	1

Electrical Characteristics	Nominal Voltage Architecture (V)	12, 24, 42, 48, 80, 90, 125, 240, 500, 550, 600
	Operating Voltage (VDC)	850

Body Features	Body Material	PA GF
	Cable Exit Angle	180°
	Color	Orange

Contact Features	Mating Tab Width	2.8 mm [.11 in]
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Mechanical Attachment	Terminal Position Assurance	No
	Mounting Feature	Yes
	Polarized	Yes

Housing Features	Pitch	10.4 mm [.409 in]
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Dimensions	Width	55.3 mm [2.177 in]
	Height	27.6 mm [1.087 in]
	Length	32.9 mm [1.295 in]

Usage Conditions	Operating Temperature (Max) (°C)	70, 75, 80, 85, 90, 100, 105, 110, 120, 125
	Operating Temperature (Max) (°F)	158, 167, 176, 185, 194, 212, 221, 230, 248, 257
	Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]

Industry Standards

Degree of Protection

IP6K9K

UL Flammability Rating

UL 94-HB

Other

Connector Position Assurance Capable

Yes

Serviceable

Yes

Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)