



CONNECTORS

HOUSINGS



TE CONNECTIVITY (TE)

UP 3.96 4P PLUG HSG NATRL

Power Double Lock | AMP Universal Power

178481-1

TE Internal Number: 178481-1

Always EU RoHS/ELV Compliant

Centerline **3.96 mm [.156 in]**

Number of Positions **4**

Number of Rows **1**

Mating Retention **With**

Mating Retention Type **Latch**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



Product Drawings

[3.96mm Amp Up Conn 3.96mm Pitch 4 Pos Plug Hsg](#)
PDF (TIFF AVAILABLE)
English

[3.96mm Amp Up Conn 3.96mm Pitch 4 Pos Plug Hsg](#)
PDF (TIFF AVAILABLE)
English

CAD Files

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

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

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

[3D PDF](#)
PDF
English

Product Specifications

[Product Specification](#)

[AMP Universal Power Connector](#)

Product Specification	AMP Universal Power Connector PDF Japanese
Qualification Test Report	AMP Universal Power Connector TIF Japanese XREF TIF English XREF PDF English

Product Environmental Compliance

TE Material Declaration	MD_178481-1_011520152047_dmtec PDF English
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Instruction Sheets

Instruction Sheet (non U.S.)	AMP UNIVERSAL POWER CONNECTOR SERIES TIF English AMP UNIVERSAL POWER CONNECTOR SERIES PDF English
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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	Glow Wire Rating	Standard Part - Not Glow Wire
	Sealed	No
	Connector Type	Housing
	Applies To	Wire/Cable
	Connector Style	Plug
	Connector System	Wire-to-Wire
	Strain Relief	Without
	Product Type	Connector

Configuration Features	Number of Positions	4
	Number of Rows	1

Electrical Characteristics	Operating Voltage	300 VAC
	Insulation Resistance (MΩ)	1000

Contact Features	Contact Type	Socket
	Contact Base Material	Copper Alloy
	Contact Current Rating (A)	7
	Contact Layout	Inline

Termination Features	Termination Method to Wire/Cable	Crimp
Mechanical Attachment	Mating Retention	With
	Mating Retention Type	Latch
	PCB Mount Retention	Without
	Mating Connector Lock	With
	Panel Mount Retention	Without
	Mating Alignment	With
	Mating Alignment Type	Polarization
Housing Features	Centerline	3.96 mm [.156 in]
	Housing Color	Natural
	Housing Material	Nylon 6/6
Dimensions	Height	9.7 mm [.38 in]
	Length	16.98 mm [.67 in]
Usage Conditions	Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
Operation/Application	For Use With	Header Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Quantity	1000
	Packaging Method	Bag/Box

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)



