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**TE CONNECTIVITY (TE)**  
**35P AMPSEAL HDR ASSY W/GASKET, AU, ORANG**

AMP | AMPSEAL

1-776163-6

TE Internal Number: 1-776163-6

Always EU RoHS/ELV Compliant

Pin Diameter **1.3 mm [ .051 in ]**

Pitch **4 mm [ .157 in ]**

Number of Circuits **35**

Sealed **Yes**

Mounting Orientation **Horizontal/90°**

Product Drawings

[HEADER ASSEMBLY, 35 POSITION, RIGHT ANGLE, AMPSEAL](#)

PDF  
English

CAD Files

[Customer View Model](#)

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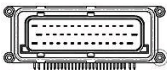
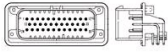
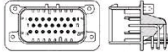

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Sealed	<b>Yes</b>
	Hybrid Header	<b>No</b>
	Shielded	<b>No</b>

Configuration Features	Number of Circuits	<b>35</b>
	Number of Rows	<b>3</b>
	Number of Sections	<b>1</b>
	Number of Signal Positions	<b>35</b>

Electrical Characteristics	Nominal Voltage Architecture (V)	<b>12, 24, 42, 48, 240</b>
	Voltage Rating (Max) (VAC)	<b>250</b>
	Operating Voltage (VAC)	<b>250</b>
Body Features	Color	<b>Orange</b>
Contact Features	Pin Diameter	<b>1.3 mm [ .051 in ]</b>
	Circuit Application	<b>Power, Signal</b>
	Interface Plating	<b>Gold (Au)</b>
Termination Features	Termination Method	<b>Through Hole - Solder</b>
Mechanical Attachment	Mounting Orientation	<b>Horizontal/90°</b>
	PCB Mount Retention Type	<b>Boardlocks</b>
	PCB Mount Retention	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Mounting Holes	<b>With</b>
	PCB Mount Alignment	<b>With</b>
	Locking Interface	<b>With</b>
Housing Features	Pitch	<b>4 mm [ .157 in ]</b>
Dimensions	Profile Height from PCB	<b>23.6 mm [ .929 in ]</b>
	Width	<b>37.9 mm [ 1.498 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Length	<b>76.9 mm [ 3.03 in ]</b>
Usage Conditions	Operating Temperature (Max) (°C)	<b>65, 70, 75, 80, 85, 90, 100, 105</b>
	Operating Temperature (Max) (°F)	<b>149, 158, 167, 176, 185, 194, 212, 221, 230, 248, 257</b>
	Operating Temperature Range	<b>-40 – 105 °C [ -40 – 257 °F ]</b>
Industry Standards	Degree of Protection	<b>IP6K9K</b>
	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Quantity	<b>220</b>

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PRODUCT - MATING PRODUCTS



Connectors - Automotive, Truck, Bus, & Off-Road Housings  
AMP I AMPSEAL

**PLUG ASSY, AMPSEAL, 35 POSN, ORANGE**  
- 776164-6

TE INTERNAL NUMBER: 776164-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Pin Diameter **1.3 mm**

Number of Positions **35**

Pitch **4 mm**

Sealed **Yes**