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English

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TE CONNECTIVITY (TE)

## 35 POS AMPSEAL HDR ASSY BLK

AMP | AMPSEAL

1-776163-1

TE Internal Number: 1-776163-1

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](#)

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### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
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[Customer View Model](#)

3D\_STP.ZIP  
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### Product Specifications

Application Specification

[AMPSEAL Automotive Plug Connector And Header Assembly](#)

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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>
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	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>Black</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>

Packaging Features

Packaging Quantity




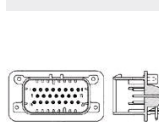
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Product Compliance

[Statement of Compliance](#)  
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[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

PCB TERMINALS	WIRE-TO-BOARD HEADERS & RECEPTACLES	MOTOR TERMINALS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS
			
<b>.058 DIA RECPT PC R/A LP 26-22</b> 350189-1	<b>07P MTA100 HDR ASSY SQ R/A</b> 640453-7	<b>MAG-MATE POKE-IN TAB 020 TPBR</b> 62897-1	<b>8 POS RTANG HDR ASSY W/GASKET</b> 1-776280-1
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RELATIONSHIP

### Mating Products

Used to identify Mating Parts

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#### PRODUCT - MATING PRODUCTS



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

### 35 POS AMP SEAL PLUG ASSY BLK - 776164-1

TE INTERNAL NUMBER: 776164-1

✓ 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**

