+ CONNECTORS

CONNECTOR HOUSINGS

TE CONNECTIVITY (TE)

8 POS AMPSEAL PLUG ASSEMBLY

AMP | AMPSEAL

776286-1
TE Internal Number: 776286-1

Always EU RoHS/ELV Compliant

Connector Style   **Housing for female terminals**

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

Number of Positions   **8**

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

Sealed   **Yes**

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

Product Drawings

PLUG ASSEMBLY, AMPSEAL FAMILY DRAWING
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   **AMPSEAL Automotive Plug Connector And Header Assembly**
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	**Integrated in Housing**
	Connector System	**Wire-to-Board/Device**

	Row-to-Row Spacing	.157 mm [4 in]
	Strain Relief	No
Configuration Features	Number of Positions	8
	Number of Rows	3
Electrical Characteristics	Nominal Voltage Architecture (V)	12, 24, 42, 48, 80, 90, 125, 240
	Operating Voltage (VAC)	250
Body Features	Cable Exit Angle	180°
	Body Material	Other
	Color	Black
Contact Features	Mating Pin Diameter	1.3 mm [.051 in]
Mechanical Attachment	Terminal Position Assurance	Yes
	Mounting Feature	No
	Polarized	Yes
Housing Features	Pitch	4 mm [.157 in]
Dimensions	Width	33.6 mm [1.323 in]
	Height	34.6 mm [1.362 in]
	Length	27.4 mm [1.079 in]
Usage Conditions	Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
Industry Standards	Degree of Protection	IP6K9K
	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Package
	Packaging Quantity	220
Other	Connector Position Assurance Capable	No
	Serviceable	Yes
Product Compliance	Statement of Compliance	

CUSTOMERS ALSO BOUGHT

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS	HEAT SHRINK COMPONENT ACCESSORIES	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS
RECEPTACLE HOUSING, 18 POSITIO	AS 16, 4P CAP ASSY, RD, KEY 2	URHR-2	23P AMPSEAL PLUG ASSY BLUE
1326133-1	776536-2	URHR-2	770680-5
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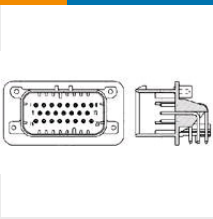
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Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS ✓

Connectors - Automotive, Truck, Bus, & Off-Road Headers
AMP | AMPSEAL
8 POS RTANG HDR ASSY W/GASKET - 1-776280-1
TE INTERNAL NUMBER: 1-776280-1
✔ Active

Always EU RoHS/ELV Compliant

Pin Diameter **1.3 mm**

Pitch **4 mm**

Number of Circuits **8**

Sealed **Yes**

Mounting Orientation
Horizontal/90°

RELATIONSHIP
Cavity Plugs
Cavity Plugs

See All Cavity Plugs

PRODUCT - CAVITY PLUGS ✓

Connectors - Seals & Cavity Plugs
AMP | AMPSEAL
SEAL PLUG, AMPSEAL - 770678-1
TE INTERNAL NUMBER: 770678-1
ALIAS ID: AMP-0-0770678-1, EG9736-000

Always EU RoHS/ELV Compliant

Seal Type **Cavity Blanking Plug**

Color **Natural**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

✔

Connectors - Automotive, Truck, Bus, & Off-Road Headers
I AMPSEAL

8 POS RIGHT ANGLE HDR ASSY - 776279-1
TE INTERNAL NUMBER: 776279-1

✔ Active

Always EU RoHS/ELV Compliant

Pin Diameter **1.3 mm**

Pitch **4 mm**

Number of Circuits **8**

Sealed **Yes**

Mounting Orientation
Horizontal/90°