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TE CONNECTIVITY (TE)

HEADER ASSY, 35 POS VERTICAL

AMP | AMPSEAL

1-776230-2

TE Internal Number: 1-776230-2

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 **Vertical/180°**

Product Drawings

[ASSEMBLY, HEADER, 35 POSITION, VERTICAL, AMPSEAL](#)

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CAD Files

[Customer View Model](#)

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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	Yes
Hybrid Header	No
Shielded	No

Configuration Features

Number of Circuits	35
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	Number of Rows	3
	Number of Sections	1
	Number of Signal Positions	35
Electrical Characteristics	Nominal Voltage Architecture (V)	12, 24, 42, 48, 240
	Voltage Rating (Max) (VAC)	250
	Operating Voltage (VAC)	250
Body Features	Color	Natural
Contact Features	Pin Diameter	1.3 mm [.051 in]
	Circuit Application	Power, Signal
	Interface Plating	Gold (Au)
Termination Features	Termination Method	Through Hole - Solder
Mechanical Attachment	Mounting Orientation	Vertical/180°
	PCB Mount Retention Type	Solder Tails
	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Mounting Holes	With
	PCB Mount Alignment	With
	Locking Interface	With
Housing Features	Pitch	4 mm [.157 in]
Dimensions	Profile Height from PCB	34.25 mm [1.348 in]
	Width	32.1 mm [1.264 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Length	76.9 mm [3.03 in]
Usage Conditions	Operating Temperature (Max) (°C)	65, 70, 75, 80, 85, 90, 100, 105, 110, 120, 125
	Operating Temperature (Max) (°F)	149, 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

Packaging Features

Packaging Quantity

220

Product Compliance

[Statement of Compliance](#)
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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 NAT - 776164-2

TE INTERNAL NUMBER: 776164-2

✓ 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**

