



TE CONNECTIVITY (TE)

HEADER ASSY, 35 POS VERTICAL, ORANGE

AMPSEAL

1-776231-6

TE Internal Number: 1-776231-6

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 **Vertical/180°**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

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

PDF
English

CAD Files

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PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

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3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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

Sealed	Yes
Hybrid Header	No
Shielded	No

Configuration Features

Number of Circuits	35
Number of Rows	3
Number of Sections	1
Number of Signal Positions	35

Electrical Characteristics	Voltage Rating (Max) (VAC)	250
	Operating Voltage (VAC)	250
Body Features	Color	Orange
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
	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Quantity	1

Product Compliance

[Statement of Compliance](#)
PDF

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