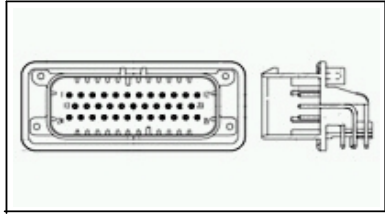


1-776180 -6 Product Details

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AMPSEAL and AMPSEAL 16 Connector System

[Converted to ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- ? AMPSEAL Product Line
- ? Applies To Printed Circuit Board
- ? Connector
- ? Header
- ? Connector Style = Plug

[View all Features](#)

Quick Links

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TE Internal Number: 1 -776180 -6

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Documentation & Additional Information

Product Drawings:

- ? [HEADER ASSEMBLY, 35 POSITION, SNAP -IN, AMPSEAL](#) (PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? None Available

Application Specifications:

- ? None Available

Instruction Sheets:

- ? None Available

CAD Files:

- ? None Available

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- ? [Product Line](#) = AMPSEAL
- ? Product Type = Connector
- ? Connector Type = Header
- ? [Mount Angle](#) = Right Angle
- ? Mount = Panel
- ? PCB Mount Alignment = Without
- ? PCB Mount Retention = With

Mechanical Attachment:

- ? Mating Retention Type = Latch

Termination Related Features:

- ? Termination Method = Solder

Body Related Features:

- ? Centerline (mm [in]) = 4.00 [0.157]
- ? Number of Rows = 3
- ? Row -to- Row Spacing (mm [in]) = 2.00 [0.078]
- ? [Number of Positions](#) = 35
- ? Mating Retention = With
- ? PCB Mount Retention Type = Retention Leg(s)

Contact Related Features:

- ? Contact Type = Pin
- ? Contact Layout = Staggered
- ? Contact Termination Type = Through Hole
- ? [Contact Plating, Mating Area, Material](#) = Gold
- ? Contact Size = 1.3mm
- ? Contact Base Material = Brass

Housing Related Features:

- ? Connector Style = Plug
- ? Mating Alignment = With
- ? Housing Color = Orange
- ? Mating Alignment Type = Color Coded, Keyed, Terminal Position Assurance
- ? Housing Material = Thermoplastic - GF
- ? UL Flammability Rating = UL 94V -0

Configuration Related Features:

- ? Environmental Protection = Without

Industry Standards:

- ? [RoHS/ELV Compliance](#) = ELV compliant
- ? [Lead Free Solder Processes](#) = Not reviewed for lead free solder process
- ? RoHS/ELV Compliance History = Converted to comply with ELV directive

Conditions for Usage:

- ? [Applies To](#) = Printed Circuit Board
- ? PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

Other:

- ? Brand = Tyco Electronics

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