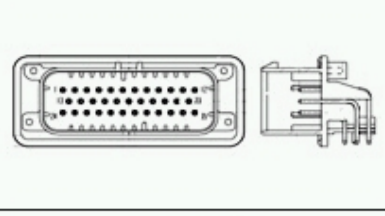


776163-4 Product Details

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776163-4

TE Internal Number: 776163-4
✔ Active

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AMPSEAL and AMPSEAL 16 Connector System

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- AMPSEAL Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header

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| Documentation & Additional Information | |
|--|--|
| <p>Product Drawings:</p> <ul style="list-style-type: none"> • HEADER ASSEMBLY, 35 POSITION, RIGHT ANGLE, AMPSEAL (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • AMPSEAL Automotive Plug Connector And Header Assembly (PDF, English) <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version R) • 3D Model (IGES, Version R) • 3D Model (STEP, Version R) | <p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling |

[List all Documents](#)

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

| | |
|--|--|
| <p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Line = AMPSEAL • Product Type = Connector • Connector Type = Header • Termination Method to Wire/Cable = Solder • PCB Mounting Orientation = Right Angle • Termination Method to PC Board = Through Hole - Solder • PCB Mount Retention = With • PCB Mount Alignment = Without • Strain Relief = Without • Panel Thickness (mm [in]) = 5.00 [0.197] <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Contact Retention = Without • Panel Mount Retention = With • Panel Mount Retention Type = Screw Mount • Mating Retention Type = Latching <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 8 • Operating Voltage Reference = AC • Operating Voltage (VAC) = 250 <p>Termination Features:</p> <ul style="list-style-type: none"> • Tail Length (mm [in]) = 3 - 4 [0.118 - 0.157] <p>Body Features:</p> <ul style="list-style-type: none"> • Header Type = Shrouded • Number of Positions = 35 • Number of Rows = 3 • Row-to-Row Spacing (mm [in]) = 4.00 [0.160] • Underplate Material Thickness (µm [µin]) = 1.30 [51.180] • PCB Mount Retention Type = Retention Leg(s) • Mating Retention = With <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Layout = Staggered • Contact Size = 1.3mm • Contact Base Material = Brass • Contact Plating, Mating Area, Material = Tin • Contact Plating, Mating Area, Thickness (µm [µin]) = 2.5 - 5 [98.42 - 196.85] • Contact Plating, Termination Area, Material = Tin • Contact Plating, Termination Area, Thickness (µm [µin]) = 2.5 - 5 [98.42 - 196.85] • Underplate Material = Nickel | <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Centerline (mm [in]) = 4.00 [0.157] • Housing Material = PBT • Housing Color = Gray • UL Flammability Rating = UL 94V-0 • Mating Alignment = With • Mating Alignment Type = Keyed <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not reviewed for lead free solder process • RoHS/ELV Compliance History = Always was RoHS compliant <p>Identification Marking:</p> <ul style="list-style-type: none"> • Keying = Color Coding <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Printed Circuit Board • PCB Thickness, Recommended (mm [in]) = 1.57 [0.062] <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Wire-to-Board • Contact Transmits (Typical Application) = Signal (Data)/Power <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Package • Packaging Quantity = 1 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP |
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