⌇ Tyco Electronics

747714-2 Product Details

747714-2

TE Internal Number: 747714-2

✓ Active

📄 View 3D PDF

Standard Board Mount Connectors

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

Product Highlights:

- 37 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Vertical
- Product Series = HD 20
- With Mating Connector Lock

View all Features

Documentation & Additional Information

Product Drawings:
- RCPT ASSY, SIZE 4, 37 POSN, AMPLIMITE HDP, MDM PROFI... (PDF, English)

Catalog Pages/Data Sheets:
- AMPLIMITE SUBMINATURE D TYPE CONNECTORS (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- AMPLIMITE HD-20 Front Metal Shell Connectors with AC... (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version H)
- 3D Model (IGES, Version H)
- 3D Model (STEP, Version H)

Additional Information:
- Product Line Information

Additional Product Images:
- Product Photo

Related Products:
- Tooling
- Mating Products (6)

List all Documents

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

Product Type Features:
- PCB Mounting Orientation = Vertical
- Product Series = HD 20
- Mating Connector Lock = With
- Mating Connector Lock Type = Threaded Insert, 4-40 UNC
- PCB Mount Retention = With
- Shell Type = Front Metal Shell
- Shell Size = 4
- Grounding Indents = Without
- Grounding Straps = Without
- PCB Mount Style = Through Hole
- Color Code = None
- Sealed = No
- Profile = Standard
- Mounting Hole Diameter (mm [in]) = 3.05 [.120]
- Shell Material = Steel
- Threaded Insert Material = Brass

Mechanical Attachment:
- Panel Mount Retention = Without

Termination Related Features:
- Grounding Clips = Without
- Termination Post Length (mm [in]) = 5.80 [0.228]

Body Related Features:
- Number of Positions = 37
- PCB Mount Retention Type = ACTION PIN (Compliant) Posts, Mounting Holes
- Shell Plating = Tin

Contact Related Features:
- Contact Plating, Mating Area, Material = Gold Flash over Palladium Nickel or Gold (30) over Nickel
- Contact Base Material = Copper Alloy

Housing Related Features:
- Connector Style = Receptacle
- UL Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic - GF

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:
- PCB Thickness, Recommended (in [mm]) = 0.093 [2.36]

Operation/Application: