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2005249-1 Product Details

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2005249-1

TE Internal Number: 2005249-1

✔ Active

Power Double-Lock Connectors

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

Product Highlights:
- Wire-to-Panel / Wire-to-Wire
- Applies To Panel, Applies To Wire/Cable
- Connector
- Housing
- Connector Style = Receptacle

View all Features

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Documentation & Additional Information

Product Drawings:
- PDL 2P CAP HSG 3.96mm P/M (GWT) (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

Related Products:
- Tooling
- Non-GWT Equivalent (1)

List all Documents

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

Product Type Features:
- Product Type = Connector
- Connector Type = Housing
- Termination Method to Wire/Cable = Crimp
- Wire/Cable Type = Discrete Wire
- Sealed = No
- UL File Number = C22.2 No. 182.3, UL 1977

Mechanical Attachment:
- Mating Retention Type = Latching
- Panel Mount Retention = With
- Panel Mount Retention Type = Latch(es)

Electrical Characteristics:
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 300

Dimensions:
- Panel Thickness (mm [in]) = 0.80 – 2.00 [0.031 – 0.078]

Body Features:
- Wire Type = Stranded
- Mating Retention = With

Contact Features:
- Contact Type = Tab
- Contact Layout = In-Line

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 3.96 [0.156]
- Housing Material = PA66
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization
- UL Flammability Rating = UL 94V-0

Configuration Features:
- Number of Positions = 2
- Number of Rows = 1
- Number of Double-Lock Plates Required = 1

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
- Agency/Standard = CNR, USR

Environmental:
- Operating Temperature (°C [°F]) = 65 [149]

Conditions for Usage:
- Applies To = Panel, Wire/Cable
- Glow Wire Rating = Glow Wire
- For Use With = Plug Housing

Operation/Application:
- Application Use = Wire-to-Panel / Wire-to-Wire
- Contact Transmits (Typical Application) = Signal (Data)/Power

Packaging Features:
- Packaging Method = Bag
- Packaging Quantity = 200

Other:
- Brand = TE Connectivity
- Comment = Applicable Plate P/N:177918-1(V-0) or 368590-1(V-2,GWT) Contact P/N:177915,177914

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