2005249-6 Product Details

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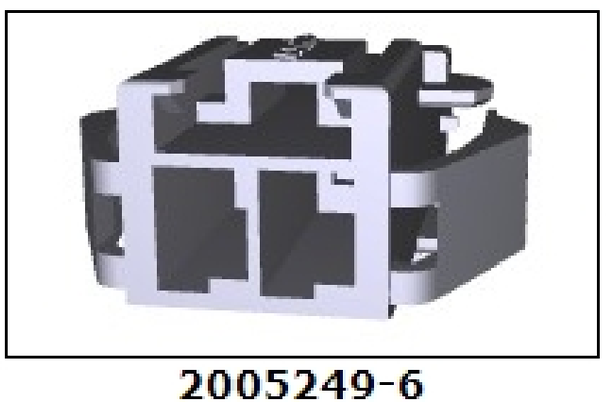

2005249-6

TE Internal Number: 2005249-6

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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Quick Links

- Pricing & Availability
- Search for Tooling
- View Non-GWT Equivalent (1)
- Product Feature Selector
- Contact Us About This Product

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

List all Documents

Related Products:

- Tooling
- Non-GWT Equivalent (1)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Housing
- Wire/Cable Type = Discrete Wire
- Sealed = No

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

Termination Features:

- Termination Method to Wire/Cable = Crimp

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 = Blue
- Mating Alignment = With
- Mating Alignment Type = Polarization

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
- UL File Number = C22.2 No. 182.3, UL 1977
- UL Flammability Rating = UL 94V-0

Environmental:

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

Conditions for Usage:

- Applies To = Panel, Wire/Cable
- Glow Wire Rating = Glow Wire
- For Use With = Plug (GWT): 2005247, Double Lock Plate 177918-1 or (GWT) 368590-1, Contacts: 177916 or 177917

Operation/Application:

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

Other:

- Brand = TE Connectivity

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