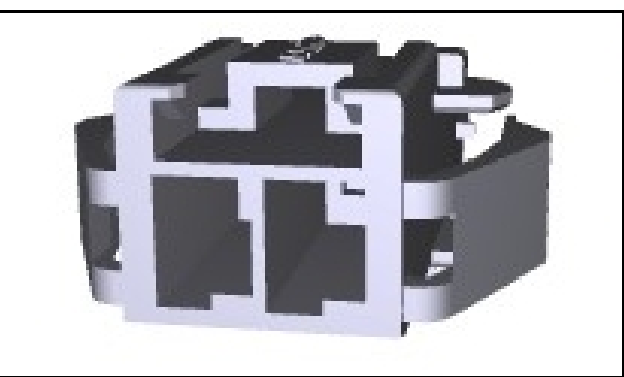


2005249-6 Product Details

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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](#)

Quick Links

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

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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 - 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