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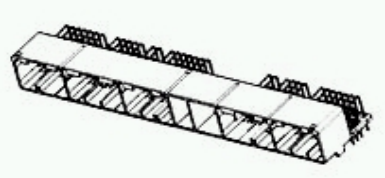
Support Center

6318813-3 Product Details

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6318813-3

TE Internal Number: 6318813-3

Active

View 3D PDF

0.025 Series and Hybrid Connectors and Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

Product Series = 025/040

Wire-to-Board

Applies To Printed Circuit Board

Connector

Connector Assembly

View all Features

Quick Links

Check Pricing & Availability

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Product Feature Selector

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Documentation & Additional Information	
Product Drawings: 025/040 EFI ECU CONNECTOR 167 POSITION CAP HOUSI... (1) (TIF, Japanese) 025/040 EFI ECU CONNECTOR 167 POSITION CAP HOUSI... (2) (PDF, Japanese) Catalog Pages/Data Sheets: None Available Product Specifications: 025/040 I/O Connector (1) (PDF, Japanese) 025/040 I/O Connector (2) (PDF, Japanese) Application Specifications: Crimping .040III Unsealed Contact, Receptacle (PDF, Japanese) Crimping of 025 Receptacle Contact (PDF, Japanese) Instruction Sheets: 025/040 I/O Connector (1) (PDF, Japanese) 025/040 I/O Connector (2) (PDF, Japanese) 0.64III/1.0III SERIES CONNECTOR (1) (PDF, Japanese) 0.64III/1.0III SERIES CONNECTOR (2) (PDF, Japanese) CAD Files: (CAD Format & Compression Information) 2D Drawing (DXF, Version E) 3D Model (IGES, Version E) 3D Model (STEP, Version E) Additional Information: Product Line Information Related Products: Tooling	List all Documents

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: Product Series = 025/040 Product Type = Connector Connector Type = Connector Assembly Tab Width (mm [in]) = 0.64 [0.025], 1 [0.0393] Termination Method to Wire/Cable = Solder Termination Method to PC Board = Through Hole - Solder PCB Mounting Orientation = Right Angle PCB Mount Retention = With PCB Mount Retention Type = Tapping Screw Strain Relief = Without Sealed = No PCB Mount Alignment = With PCB Mount Alignment Type = Mounting Holes Mechanical Attachment: Contact Retention = Without Mating Retention Type = Latching Panel Mount Retention = Without Electrical Characteristics: Operating Voltage Reference = DC Operating Voltage (VDC) = 12 Termination Features: Tail Length (mm [in]) = 4 [0.157] Dimensions: PCB Thickness, Recommended (mm [in]) = 1.20 [0.048], 1.60 [0.063] Length (X-Axis) (mm [in]) = 19.50 [0.767] Width (Z-Axis) (mm [in]) = 164.90 [6.4921] Profile Height (Y-Axis) (mm [in]) = 22.70 [0.8937] Body Features: Underplate Material Thickness (µm [µin]) = 0.80 - 1.50 [31.496 - 59.055] Mating Retention = With Contact Features: Contact Type = Tab Multiple Contact Types = With Contact Base Material = Brass Contact Mating Area Plating (Signal) = Selective Gold, Selective Tin Contact Mating Area Plating (Power) = Selective Gold, Selective Tin Contact Plating, Termination Area, Material = Selective Tin Contact Plating, Termination Area, Thickness (µm [µin]) = 2.5 [98.42] Underplate Material = Nickel Shunts/Shorting Bars = Without Housing Features: Connector Style = Receptacle Housing Material = PBT Housing Color = Natural Mating Alignment = With Mating Alignment Type = Polarization Configuration Features: Number of Positions = 167 Number of Sections = 5 Number of Positions/Section = 24+7 / 29+6 / 25+7 / 28+6 / 27+7 Number of Rows = 4 Number of Gold Plated Circuits = 83 GET 0.64 Connector System = No Industry Standards: RoHS/ELV Compliance = RoHS compliant, ELV compliant Lead Free Solder Processes = Wave solder capable to 240°C RoHS/ELV Compliance History = Always was RoHS compliant Environmental: Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221] Conditions for Usage: Applies To = Printed Circuit Board For Use With = Mate With (1123325,1123326,1123327,1123328,1123329) Operation/Application: Application Use = Wire-to-Board Contact Transmits (Typical Application) = Signal (Data)/Power Packaging Features: Packaging Method = Tube, Plastic Box Packaging Quantity = 3 Other: Brand = TE Connectivity	