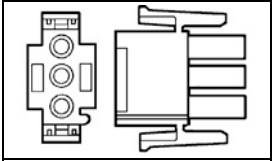**Tyco Electronics**

640582-1 Product Details

640582-1

TE Internal Number: 640582-1

✔ Active

📄 View 3D PDF

.250" Centerline, 600 V, 19 - 36 A max

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

Product Highlights:
- Connector
- Universal MATE-N-LOK Product Line
- Housing
- Connector Style = Plug
- Contact Type = Pin or Socket

View all Features

Documentation & Additional Information

Product Drawings:
- PLUG, 8 CIRCUIT, UNIVERSAL MATE-N-LOK@PZTM (PDF, English)

Catalog Pages/Data Sheets:
- 2_PIECE_POWER_CONNECTORS_grg_4-1773458-1 (PDF, English)
- SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- Universal MATE-N-LOK Connectors (PDF, English)

Instruction Sheets:
- MATE-N-LOK Contact and Housing Selection Charts (PDF, English)
- Universal MATE-N-LOK Connectors (PDF, English)

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

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (9)
- Contacts (172)

List all Documents

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

Product Type Features:
- Product Type = Connector
- Product Line = Universal MATE-N-LOK
- Connector Type = Housing
- Mount = Free Hanging
- Color = White

Mechanical Attachment:
- Mating Retention Type = Positive Lock

Electrical Characteristics:
- High Current = No
- Current Rating (A) = 19
- Voltage (VAC) = 600

Body Related Features:
- Centerline (mm [in]) = 6.35 [0.250]
- Number of Positions = 8
- Mating Retention = With
- Contact Diameter (mm [in]) = 2.13 [0.084]

Contact Related Features:
- Contact Type = Pin or Socket
- Contact Layout = In-Line
- Sealable = No

Housing Related Features:
- Connector Style = Plug
- Housing Material = Nylon
- UL Flammability Rating = UL 94V-0

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

Packaging Related Features:
- Packaging Method = One Piece Housing

Other:
- Brand = AMP