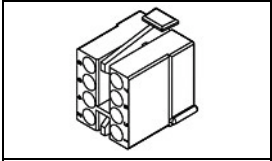# Tyco Electronics

1-480287-0 Product Details

1-480287-0

TE Internal Number: 1-480287-0

✔ Active

📄 View 3D PDF

.200" Centerline, 250 V, 13 A max.

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

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

View all Features

Buy Product

Documentation & Additional Information

Product Drawings:
- PLUG, MOTOR MOUNT, COMMERCIAL MATE-N-LOK, 12 CIRCUIT (PDF, English)

Catalog Pages/Data Sheets:
- SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY (PDF, English)

Product Specifications:
- Connector, MATE-N-LOK, Header, Commercial (PDF, English)
- Connector, MATE-N-LOK, Header, Commercial (PDF, Japanese)

Application Specifications:
- MATE-N-LOK Commercial Pin And Socket Contacts (PDF, English)
- MATE-N-LOK Commercial Pin and Socket Contacts (PDF, Japanese)

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

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

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (6)
- Contacts (145)

List all Documents

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

Product Type Features:
- Product Line = Commercial MATE-N-LOK
- Product Type = Connector
- Connector Type = Housing
- Termination Method to Wire/Cable = Crimp
- Wire/Cable Type = Discrete Wire
- Industry Application = Standard
- CSA File Number = LR7189
- UL File Number = E28476

Mechanical Attachment:
- Mating Retention Type = Positive Lock

Electrical Characteristics:
- Contact Current Rating (A) = 13
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

Body Related Features:
- Row-to-Row Spacing (mm [in]) = 9.14 [0.360]
- Contact Diameter (mm [in]) = 2.13 [0.084]

Contact Related Features:
- Contact Type = Socket

Housing Related Features:
- Connector Style = Plug
- Housing Material = Nylon
- Housing Color = Natural
- UL Flammability Rating = UL 94V-2

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

Identification Marking:
- Circuit Identification Feature = With

Conditions for Usage:
- Applies To = Wire

Packaging Related Features:

- Number of Positions = 12
- Number of Rows = 2
- Mating Retention = With
- Centerline (mm [in]) = 4.95 [0.195]

- Packaging Method = Box

Other:
- Brand = AMP