Tyco Electronics

61314-1 Product Details

61314-1

TE Internal Number: 61314-1

✔ 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
- Contact
- Contact Type = Socket
- Crimp Termination Method to Wire/Cable
- Pre-Tin Contact Plating, Mating Area, Material

View all Features

Documentation & Additional Information

Product Drawings:
- SOCKET, COMMERCIAL MATE-N-LOK (PDF, English)

Catalog Pages/Data Sheets:
- REPRESENTATIVE TERMINALS AND CONNECTORS (PDF, English)
- SOFT SHELL PIN SOCKET CONNECTORS STANDARD DENSITY (PDF, English)

Product Specifications:
- Connector, MATE-N-LOK, Commercial (PDF, English)
- Connector, MATE-N-LOK, 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:
- None Available

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

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Housings (70)

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 = Contact
- Termination Method to Wire/Cable = Crimp
- Wire/Cable Type = Discrete Wire
- Industry Application = Standard

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

Body Related Features:
- Wire Range (mm [AWG]) = 0.20-0.80² [24-18]
- Contact Diameter (mm [in]) = 2.13 [0.084]

Contact Related Features:
- Contact Type = Socket
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Base Material = Brass

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

Conditions for Usage:
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.52 – 2.54 [0.060 – 0.100]
- Applies To = Wire

Packaging Related Features:
- Packaging Method = Strip

Other:
- Brand = AMP
- Comment = HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine with T or G terminators, -2 used on AMP-O-LECTRIC Model K Machine; -3,-4, or -6 is used on AMP-O-LECTRIC Model G Machine.; Extraction Tools: Pins- No. 1-305183-1(IS 408-7158); Sockets- No. 1-305183-2(IS 408-7158); Pins and Sockets- No. 465644-1(IS 408-7211)