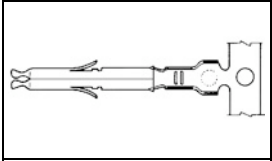# Tyco Electronics

171637-1 Product Details

171637-1

TE Internal Number: 171637-1

✔ Active

📄 View 3D PDF

.163" Centerline, 600 V, 9.5 A max.

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

Product Highlights:
- Contact
- Contact Type = Socket
- Crimp Contact Termination Type
- Mini-Universal MATE-N-LOK
- Applies To Wire

View all Features

Documentation & Additional Information

Product Drawings:
- socket contact (mini universal m-n-l) (PDF, English)

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

Product Specifications:
- Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade) (PDF, English)
- Mini-Universal MATE-N-LOK Connector(UL 94V-2) (PDF, English)

Application Specifications:
- Crimping of Mini-Universal MATE-N-LOK Contact (PDF, English)
- Crimping of Mini-Universal MATE-N-LOK Contact (PDF, Japanese)

Instruction Sheets:
- None Available

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

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Housings (127)

List all Documents

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

Product Type Features:
- Product Type = Contact
- Connector Line = Mini-Universal MATE-N-LOK
- Wire Insulation Diameter (mm [in]) = 2.01 – 3.20 [0.079 – 0.126], 2.40 [0.094]

Electrical Characteristics:
- Voltage (VAC) = 600
- Current Rating (A) = 9.5

Termination Related Features:
- Termination Method = Crimp
- Solder Tail Contact Plating = Pre-Tin

Body Related Features:
- Wire Range (mm [AWG]) = 0.50-1.40² [20-16], (2) 0.50-0.60² [(2) 20]
- Contact Diameter (mm [in]) = 0.99 [0.039]
- Stock Thickness (mm [in]) = 0.20 [0.008]

Contact Related Features:
- Contact Type = Socket
- Contact Termination Type = Crimp
- 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:
- 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 is used on AMP-O-LECTRIC Model K Machine, -3 is used on AMP-O-LECTRIC Model G Machine.