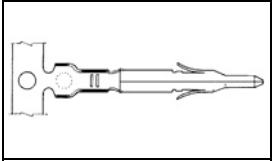## Tyco Electronics

770903-1 Product Details

770903-1

TE Internal Number: 770903-1

✔ 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 = Pin
- Crimp Contact Termination Type
- Mini-Universal MATE-N-LOK
- Applies To Wire

View all Features

Documentation & Additional Information

Product Drawings:
- PIN MINI UNIVERSAL MATE-N-LOK(TM) (PDF, English)

Catalog Pages/Data Sheets:
- MINIATURE CIRCULAR PLASTIC CONNECTOR (CPC) (PDF, English)
- AMP Circular Connectors for Commercial Signal & Powe... (PDF, English)
- SOFT SHELL PIN AND SOCKET CONNECTORS CATALOG (PDF, English)

Product Specifications:
- Mini-Universal MATE-N-LOK* Connector (PDF, English)
- Mini-Universal MATE-N-LOK* Splash Proof Seals (PDF, English)

Application Specifications:
- Mini-Universal MATE-N-LOK Splash-Proof Sealed Connectors (PDF, English)
- Mini-Universal MATE-N-LOK Connectors (PDF, English)

Instruction Sheets:
- None Available

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

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Housings (193)

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]) = 1.50 – 2.79 [0.059 – 0.110], 3.38 [0.133]

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]) = 0.30-0.90² [22-18], (2) 0.30-0.40² [(2) 22]
- Contact Diameter (mm [in]) = 0.99 [0.039]
- Stock Thickness (mm [in]) = 0.20 [0.008]

Contact Related Features:
- Contact Type = Pin
- 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