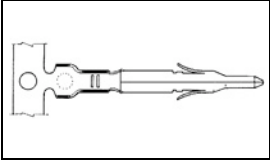


770903-3 Product Details



770903-3

TE Internal Number: 770903-3



Active

[View 3D PDF](#)

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

[Not EU RoHS or ELV Compliant \(Find RoHS Compliant Alternates\)](#)

Product Highlights:

- Contact
- Contact Type = Pin
- Wire Barrel Contact Termination Type
- Mini-Universal MATE-N-LOK
- Terminate 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)
- [SOFT SHELL PIN AND SOCKET CONNECTORS CATALOG](#) (PDF, English)

Product Specifications:

- [Mini-Universal MATE-N-LOK* Connector](#) (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)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Housings \(193\)](#)

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]
- 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.

Electrical Characteristics:

- Voltage (VAC) = 600
- Current Rating (Amps.) = 9.5

Termination Related Features:

- Termination Method = Crimp

Contact Related Features:

- Contact Type = Pin
- Contact Termination Type = Wire Barrel
- Contact Base Material = Brass

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

Conditions for Usage:

- Terminate To = Wire

Packaging Related Features:

- Packaging Method = Strip

- Termination Method = Crimp
- Solder Tail Contact Plating = Duplex

Other:

- Brand = AMP

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]