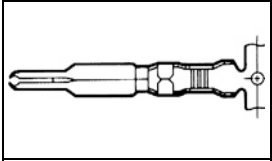


770007-1 Product Details



770007-1

TE Internal Number: 770007-1

 [Active](#)

 [View 3D PDF](#)

.250" Centerline, 600 V, 19 - 36 A max

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Contact
- Universal MATE-N-LOK II Product Line
- Contact Type = Pin
- Applies To Wire
- Crimp Termination Method

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [PIN, UNIVERSAL MATE-N-LOK\(TM\) II](#) (PDF, English)

Catalog Pages/Data Sheets:

- [2 PIFCE POWER CONNECTORS qrg 4-1773458-1](#) (PDF, English)
- [SOFT SHELL PIN SOCKET CONNECTORS STANDARD DENSITY](#) (PDF, English)

Product Specifications:

- [Connector, Universal MATE-N-LOK* II](#) (PDF, English)
- [Connector, Circular, Multi Pin, Power](#) (PDF, English)

Application Specifications:

- [Universal MATE-N-LOK II Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version F)
- [3D Model](#) (IGES, Version F)
- [3D Model](#) (STEP, Version F)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Housings \(15\)](#)

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

Product Type Features:

- Product Type = Contact
- Product Line = Universal MATE-N-LOK II
- Insulation Diameter (mm [in]) = 1.52-3.30 [.060-.130]

Electrical Characteristics:

- High Current = No
- Current Rating (A) = 19
- Voltage (VAC) = 600

Termination Related Features:

- Termination Method = Crimp
- Solder Tail Contact Plating = Pre-Tin

Body Related Features:

- Wire Range (mm [AWG]) = 0.50-2.00² [20-14]
- Contact Diameter (mm [in]) = 2.18 [0.086]
- Pin Style = Split
- Stock Thickness (mm [in]) = 0.30 [0.012]

Contact Related Features:

- Contact Type = Pin
- Contact Termination Type = Crimp
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Base Material = Brass
- Sealable = No

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, -6 is used on

AMP-O-LECTRIC Model G Machine.