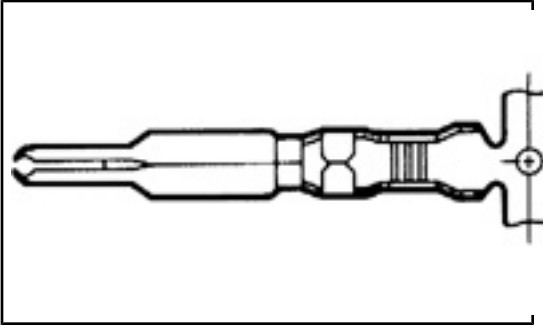


770248-1 Product Details



770248-1

TE Internal Number: 770248-1



[Active](#)

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



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

Product Highlights:

- Contact
- Universal MATE-N-LOK II
- Not CompactPCI
- Contact Type = Split Pin
- Wire Range = 0.50-2.00² [20-14] mm [AWG]

[View all Features](#)

Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

- [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
- Connector Line = Universal MATE-N-LOK II
- Insulation Diameter (mm [in]) = 3.30-5.08 [.130-.200]
- Comment = Use Hand Tool No. 90298-2 for 20-18 AWG and No. 90299-2 for 16-14 AWG.

Electrical Characteristics:

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

Termination Related Features:

- 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]
- Stock Thickness (mm [in]) = 0.30 [0.012]

Contact Related Features:

- CompactPCI = No
- Contact Type = Split Pin
- Contact Base Material = Brass
- Sealable = No
- Contact Mating Area Plating Material = Pre Tin

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

Packaging Related Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP