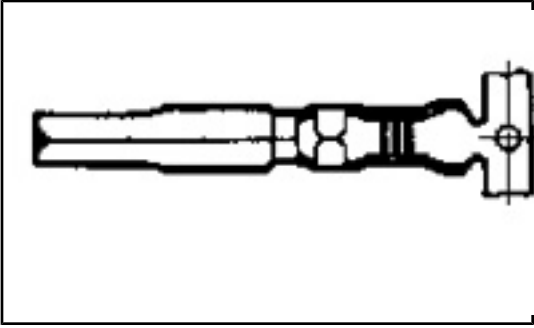


770247-3 Product Details



770247-3

TE Internal Number: 770247-3

 [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 = Socket
- Wire Range = 3.00-6.00² [12-10] mm [AWG]

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [SOCKET, 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 E)
- [3D Model](#) (IGES, Version E)
- [3D Model](#) (STEP, Version E)

[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]) = 5.08 [.200] Max.
- Comment = There is no insulation barrel on this contact. Insulation maximum diameter is limited by the housing.; Use of strain relief is recommended with these contacts.; Hand Tool No. 69710-1 uses die set No. 58380-1 for 12 AWG and No. 58380-2 for 10 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]) = 3.00-6.00² [12-10]
- Contact Diameter (mm [in]) = 2.18 [0.086]
- Stock Thickness (mm [in]) = 0.30 [0.012]

Contact Related Features:

- CompactPCI = No
- Contact Type = Socket
- Contact Base Material = Phosphor Bronze
- 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