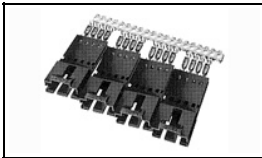


103945-1 Product Details



103945-1

TE Internal Number: 103945-1



[View 3D PDF](#)

.100 AMPMODU Headers, Housings & Contacts

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

Product Highlights:

- Housing
- Housing Type = Housing - Pin
- Housing Accepts Contact Type = Pin
- 2.54 mm Centerline
- Row-to-Row Spacing = 2.54 mm

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [SHROUDED PIN ASSY, AMPMODU MTE, SINGLE ROW, .100 C...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU MTE Interconnection System](#) (PDF, English)

Instruction Sheets:

- [AMP* AMPMODU* MTE CONNECTORS](#) (PDF, English)

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Product Type = Housing
- [Number of Positions](#) = 2
- [Wire Termination Type](#) = Crimp, Insulation Displacement Crimp (IDC)
- [Mating Connector Lock](#) = With
- [Mating Polarization](#) = With
- [Mating Polarization Type](#) = Latched
- [Connector Series](#) = MTE
- [Keyed](#) = No
- Comment = Maximum insulation diameter is 1.14 [.045] for Pneumatic Terminators.; Ribbon Cable Notched handles 22-28 AWG

Electrical Characteristics:

- Contact Current Rating (Amps.) = 3
- Termination Resistance (mΩ) = 15
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 600

Termination Related Features:

- Solder Tail Contact Plating = Bright Tin-Lead

Body Related Features:

- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Rows](#) = 1
- [Wire Range \(mm \[AWG\]\)](#) = 0.12-0.40² [26-22]

Contact Related Features:

- Housing Accepts Contact Type = Pin
- [Contact Plating, Mating Area, Material](#) = Gold (15)
- Contact Base Material = Phosphor Bronze
- Approved Standards = UL E28476, CSA LR7189

Housing Related Features:

- Housing Type = Housing - Pin
- [Housing Color](#) = Black
- Housing Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic - GF

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
- Operating Temperature (°C) = -65 - +105

Packaging Related Features:

- Packaging Method = Strip
- Quantity per Strip = 8

Other:

- Brand = AMP