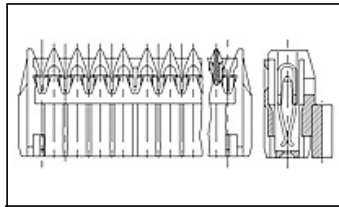


## 1-827864-3 Product Details

 [Live Product Chat](#)


**1-827864-3**

TE Internal Number: 1-827864-3

[Preliminary](#)

### MTIS (MT Interconnection System)

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

#### Product Highlights:

- Connector
- 13 Positions
- Number of Rows = Single
- Wire Range (Solid) = 0.40-0.50 mm [AWG]
- Wire Range (Stranded) = 0.22-0.25<sup>2</sup> [7 x] mm? [AWG]

[View all Features](#)

#### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

 [Add to My Part List](#)
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### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

- [Automachine and General Products](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

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

#### Product Type Features:

- Product Type = Connector
- Number of Positions = 13
- Color = Red
- Keyed = Yes
- Mounting Ears = Without
- Mating Connector Lock = Without
- Insulation Diameter (mm [in]) = 1.09-1.30 [.043-.051]
- Connector Style = Wire to Post

#### Body Related Features:

- Number of Rows = Single
- Wire Range (Solid) (mm [AWG]) = 0.40-0.50
- Wire Range (Stranded) (mm? [AWG]) = 0.22-0.25<sup>2</sup> [7 x]
- Daisy Chain = Without
- Centerline (mm [in]) = 2.50 [0.098]

#### Contact Related Features:

- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Base Material = Phosphor Bronze

#### Housing Related Features:

- Housing Material = Thermoplastic - GF

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

- Terminate To = Wire

#### Packaging Related Features:

- Packaging Method = Tape Mounted on Reel
- Packaging Quantity = 2,000

#### Other:

- Brand = AMP

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