

## 5750638-1 Product Details

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**5750638-1**

TE Internal Number: 5750638-1

[Active](#)

### Standard Board Mount Connectors

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

#### Product Highlights:

- 15 Positions
- Housing Gender = Plug
- PCB Mount Angle = Vertical
- Product Series = HD 20
- Without Mating Connector Lock

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### Documentation & Additional Information

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#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
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### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- [PCB Mount Angle](#) = Vertical
- [Product Series](#) = HD 20
- [Mating Connector Lock](#) = Without
- [PCB Mount Retention](#) = With
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 2
- [Grounding Indents](#) = With
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = None
- Sealed = No
- Profile = Standard
- Post Size (mm [in]) = 0.66 [.026]
- Mounting Hole Diameter (mm [in]) = 3.07 [.121]
- Shell Material = Steel
- Comment = Plugs are preloaded with size 20 DF posted pin contacts

#### Mechanical Attachment:

- [Panel Attachment](#) = Without

#### Termination Related Features:

- [Grounding Clips](#) = Without
- [Termination Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- [Solder Tail Contact Plating](#) = Bright Tin over Copper

#### Body Related Features:

- [Number of Positions](#) = 15
- [PCB Mount Retention Type](#) = 4-40 Retention Insert
- Insert Material = Brass
- Shell Plating = Tin

#### Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Shape = Round
- Contact Base Material = Brass

#### Housing Related Features:

- Housing Gender = Plug
- UL Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic - GF

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

- [PCB Thickness, Recommended \(in \[mm\]\)](#) = 0.062 [1.57]

#### Operation/Application:

- Application = Standard

#### Other:

- Brand = AMP

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