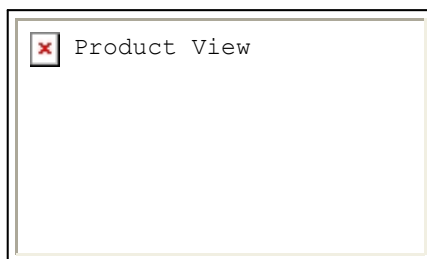


## 1-1470250-3 Product Details

 [Live Product Chat](#)

**1-1470250-3**

TE Internal Number: 1-1470250-3

**Superseded**[Search for Replacement Parts](#)[View 3D PDF](#)

### Standard Board Mount Connectors

[5 of 6 EU RoHS/ELV Compliant \(Find RoHS Compliant Alternates/Statement of Compliance\)](#)

#### Product Highlights:

- Number of Positions = 15
- Receptacle
- PCB Mount Angle = Right Angle
- Product Series = HD-22
- With Mating Connector Lock

[View all Features](#)

### Quick Links

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

[Add to My Part List](#)  [Request Sample](#)  [Find Similar Products](#)  [Buy Product](#)

### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

- [AMPLIMITE SUBMINATURE D TYPE CONNECTORS](#) (PDF, English)

#### Product Specifications:

- [AMPLIMITE\\* HD-22 Front Metal Shell, PCB Mounted Conn...](#) (PDF, English)

#### Application Specifications:

- [AMPLIMITE HD-22 Right-Angle Front Metal Shell Connectors](#) (PDF, English)

#### Instruction Sheets:

- None Available

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

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

#### 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:

- [Number of Positions](#) = 15
- [Gender](#) = Receptacle
- [PCB Mount Angle](#) = Right Angle
- [Product Series](#) = HD-22
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Threaded Insert, 4-40 UNC
- [PCB Retention Feature](#) = Yes
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 1
- [Footprint \(mm \[in\]\)](#) = 8.89 [.350]
- [PCB Thickness \(in \[mm\]\)](#) = 0.062 [1.57]
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = None
- Sealed = No
- Post Size (mm [in]) = 0.66 [.026]
- Color = Black
- Shell Material = Low Carbon Steel

#### Mechanical Attachment:

- [Panel Attachment](#) = Without
- Boardlock Hole Diameter (mm [in]) = 3.20 [0.126]
- Boardlock Material = Copper Alloy
- Boardlock Plating = Tin-Lead over Nickel

#### Termination Related Features:

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

#### Body Related Features:

- [PCB Retention Method](#) = Boardlock(s)
- Insert Material = Copper Alloy
- Shell Plating = Nickel

#### Contact Related Features:

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

#### Housing Related Features:

- Housing Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic

#### Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing

#### Operation/Application:

- Application = Standard

#### Packaging Related Features:

- Packaging Method = Tray

#### Other:

- Brand = AMP