

## 748050-1 Product Details

**Live Product Chat** US Only  
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**748050-1**

### Standard Cable Connectors

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

#### Product Highlights:

- Connector Kit
- Product Series = HD-20 (Solder Cup)
- Number of Positions = 25
- Shielded
- Plug

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### Quick Links

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- [Product Feature Selector](#)
- [Contact Us About This Product](#)

### Documentation & Additional Information

#### Product Drawings:

- [AMPLIMITE SHIELDING ENCLOSURE BULK KIT, PLUG, SOLDER...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- [Shielding Hardware Enclosure Kits w/AMPLIMITE HD-20 ...](#) (PDF, English)

#### 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 Kit
- [Product Series](#) = HD-20 (Solder Cup)
- Number of Positions = 25
- [Shielded](#) = Yes
- [Gender](#) = Plug
- [Wire/Cable Type](#) = Round Jacketed Cable
- [Wire Termination Type](#) = Solder
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Jackscrews
- [Shell Size](#) = 3
- [Shell Type](#) = Full Metal Shell
- [Grounding Indents](#) = With
- Grade = Standard
- Enclosure Material = PVC
- Jackscrew Material = Zinc Alloy
- Color = Black
- Shell Material = Steel
- Shield Material = Steel
- Comment = Maximum cable diameter after jacket and braid removed.; There is a maximum Cable O.D. of 11.56 [.455] for Shielding Enclosure Expansion Tool 58241-1.

#### Termination Related Features:

- [Solder Tail Contact Plating](#) = Tin-Lead over Nickel

#### Body Related Features:

- [Wire Range \(mm<sup>2</sup> \[AWG\]\)](#) = 0.5 - 0.6 [20]
- [Pre-Assembled](#) = No
- [Cable Insulation Diameter \(mm \[in\]\)](#) = 5.51 - 11.05 [0.217 - 0.435]
- Shell Plating = Tin
- Shield Plating = Tin
- Insert Material = Thermoplastic
- Insert Flammability Rating = UL 94V-0
- Cable Diameter (Max.) (mm [in]) = 8.89 [0.350]

#### Contact Related Features:

- [Contacts](#) = With
- [Contact Mating Area Plating](#) = Gold Flash
- [Contact Size](#) = 20
- Contact Material = Phosphor Bronze
- Contact Type = Solder Cup

#### Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not reviewed for lead free solder process

#### Packaging Related Features:

- [Packaging Method](#) = Bulk
- Packaging Quantity = 100

#### Other:

- Brand = AMP