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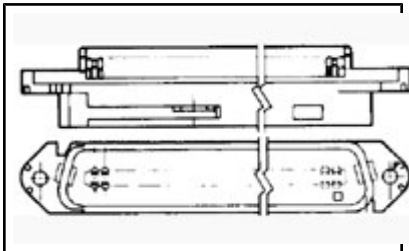
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552390-1 Product Details


Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri



552390-1



[Active](#)

2.16 [.085] IDC Connectors



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

Product Highlights:

- Connector
- Number of Positions = 50
- Plug
- Not Shielded
- Without Panel Attachment

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Documentation & Additional Information

Product Drawings:

- [PLUG ASSEMBLY, 50 POSITION E-SLOT, W/ 4-40 HOLES CHA...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [CHAMP Interconnection System](#) (PDF, English)
- [INTERCONNECTS FOR NETWORKING](#) (PDF, English)
- [MULTI-USER SYSTEMS](#) (PDF, English)
- [MINIATURE RIBBON CONNECTOR SYSTEM \(CHAMP\)](#) (PDF, English)

Product Specifications:

- [Connector, CHAMP](#) (PDF, English)

Application Specifications:

- [CHAMP Cable Connectors \(Standard And Shielded\)](#) (PDF, English)

Instruction Sheets:

- [CHAMP Cable-to-Cable and Cable-to-Panel Connectors](#) (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
- [Number of Positions](#) = 50
- [Gender](#) = Plug
- [Shielded](#) = No
- [Mating Connector Lock](#) = With
- Mating Connector Lock Type = Screwlocks
- [Slot Type Letter Code](#) = E
- [Wire/Cable Type](#) = 7 Strand
- Insulation Diameter (mm [in]) = 1.14 [.045] Max.
- Profile = Standard
- Connector Style = PS

Mechanical Attachment:

- [Panel Attachment](#) = Without
- Flange Thickness = Thick

Body Related Features:

- [Wire Range \(Stranded\) \(mm² \[AWG\]\)](#) = 0.09² [28], 0.10² [27], 0.14² [26]

Contact Related Features:

- Contact Mating Area Plating Material = Gold Flash over Palladium Nickel over Nickel, Gold (30) over Nickel (50)

Housing Related Features:

- Housing Color Dot Designation = Yellow

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Packaging Related Features:

- [Packaging Method](#) = Tray
- Packaging Quantity = 500

Other:

- Brand = AMP

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