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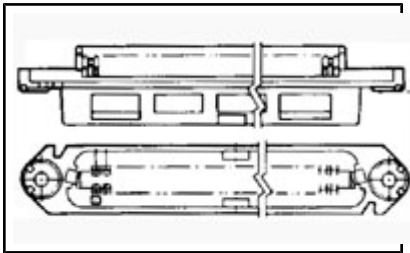
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552064-1 Product Details

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



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2.16 [.085] IDC Connectors



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

Product Highlights:

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

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, 50 POSITIONS, C SLOT W/ 4-40 HO...](#) (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: ([CAD Format & Compression Information](#))

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

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](#) = Receptacle
- [Shielded](#) = No
- [Mating Connector Lock](#) = With
- Mating Connector Lock Type = Bail Lock, Screwlocks
- [Slot Type Letter Code](#) = C
- [Wire/Cable Type](#) = 7 Strand, Solid
- Insulation Diameter (mm [in]) = 1.14 [.045] Max.
- Profile = Standard
- Connector Style = RS

Mechanical Attachment:

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

Body Related Features:

- [Wire Range \(Solid\) \(mm \[AWG\]\)](#) = 0.65 [22]
- [Wire Range \(Stranded\) \(mm² \[AWG\]\)](#) = 0.40² [22]

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 = Green

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

Other:

- Brand = AMP

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