



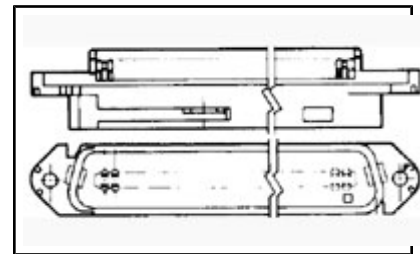
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229974-1 Product Details

 **Live Product Chat** US Only
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229974-1



2.16 [.085] IDC Connectors



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

Product Highlights:

- Connector
- Number of Positions = 50
- Standard Profile
- Plug
- Not Shielded

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Documentation & Additional Information

Product Drawings:

- [PLUG ASSEMBLY, 50 POSITION, B-SLOT, WITH 4-40 HOLES,...](#) (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 N)
- [3D Model](#) (IGES, Version N)
- [3D Model](#) (STEP, Version N)

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:

- [Product Type](#) = Connector
- [Number of Positions](#) = 50
- [Profile](#) = Standard
- [Gender](#) = Plug
- [Shielded](#) = No
- [Mating Connector Lock](#) = With
- Mating Connector Lock Type = Screwlocks
- [Slot Type Letter Code](#) = B
- [Wire/Cable Type](#) = 7 Strand, Solid
- Insulation Diameter (mm [in]) = 1.14 [.045] Max.
- Color = Black
- Connector Style = PS

Mechanical Attachment:

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

Body Related Features:

- [Wire Range \(Solid\) \(mm \[AWG\]\)](#) = 0.51-0.40 [24-26]
- [Wire Range \(Stranded\) \(mm² \[AWG\]\)](#) = 0.20² [24]

Contact Related Features:

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

Housing Related Features:

- Housing Color Dot Designation = Blue

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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