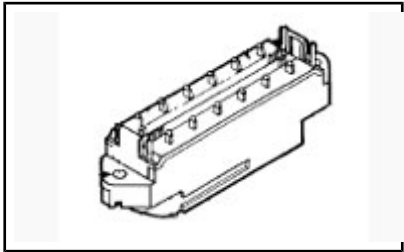


553602-1 Product Details



553602-1



Active

2.16 [.085] IDC Connectors



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

Product Highlights:

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

[View all Features](#) | [Find Similar Products](#)

NEW!

Documentation & Additional Information

Product Drawings:

- [plug assembly, 50 position, screw lock,low profile,...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [CHAMP Interconnection System](#) (PDF, English)
- [MINIATURE RIBBON CONNECTOR SYSTEM \(CHAMP\)](#) (PDF, English)

Product Specifications:

- [Connector, CHAMP Latch, Low Profile](#) (PDF, English)

Application Specifications:

- [CHAMP Latch Low Profile Connectors For Ribbon Cable](#) (PDF, English)

Instruction Sheets:

- [CHAMP Latch Low-Profile Connectors](#) (PDF, English)

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

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

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Recommended Panel Cutout](#)

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
- [Profile](#) = Low
- [Gender](#) = Plug
- [Shielded](#) = No
- [Mating Connector Lock](#) = With
- Mating Connector Lock Type = Screwlocks
- [Wire/Cable Type](#) = Ribbon Cable
- Color = Black

Mechanical Attachment:

- [Panel Attachment](#) = With

Termination Related Features:

- Solder Tail Contact Plating = Gold Flash over Nickel

Body Related Features:

- Ribbon Cable Centerline Spacing (mm [in]) = 1.27 [0.050]

Contact Related Features:

- Contact Mating Area Plating = Gold Flash over Palladium Nickel over Nickel, Gold over Nickel
- Contact Material = Copper Alloy

Housing Related Features:

- Housing Material = Thermoplastic

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