

## 5553921-1 Product Details

Have a Question?

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5553921-1

TE Internal Number: 5553921-1

Active

View 3D PDF

### 2.16 [.085] IDC Connectors

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

#### Product Highlights:

- Connector Classification = IDC
- Product Category = Connectors
- Connector
- 50 Positions
- Receptacle

[View all Features](#)

#### Quick Links

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#### Documentation & Additional Information

##### Product Drawings:

- [RECEPTACLE ASSEMBLY, 50 POSITION, B SLOT, CHAMP-LOK....](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- None Available

##### Product Specifications:

- None Available

##### Application Specifications:

- None Available

##### Instruction Sheets:

- None Available

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

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

[List all Documents](#)

##### Additional Information:

- [Product Line Information](#)

##### Related Products:

- [Tooling](#)

#### Product Features (Please use the Product Drawing for all design activity)

##### Product Type Features:

- Connector Classification = IDC
- Product Category = Connectors
- [Product Type](#) = Connector
- [Gender](#) = Receptacle
- [Mating Connector Lock](#) = With
- Mating Connector Lock Type = Integral Locking Latch
- [Slot Type Letter Code](#) = B
- [Wire/Cable Type](#) = 7 Strand, Solid
- Insulation Diameter (mm [in]) = 1.14 [.045] Max.
- Profile = Standard
- Color = Black

##### Mechanical Attachment:

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

##### Electrical Characteristics:

- [Shielded](#) = No

##### Body Related Features:

- [Number of Positions](#) = 50
- [Wire Range \(Solid\) \(mm \[AWG\]\)](#) = 0.51-0.40 [24-26]
- [Wire Range \(Stranded\) \(mm² \[AWG\]\)](#) = 0.20² [24]

##### Contact Related Features:

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

##### 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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