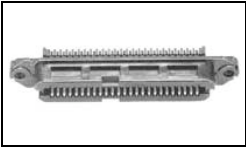


## 5553921-1 Product Details



**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

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#)

[Request Sample](#)

[Find Similar Products](#)

[Buy Product](#)

### 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
- [Number of Positions](#) = 50
- [Gender](#) = Receptacle
- [Shielded](#) = No
- [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

#### Body Related Features:

- [Wire Range \(Solid\) \(mm \[AWG\]\)](#) = 0.51-0.40 [24-26]
- [Wire Range \(Stranded\) \(mm<sup>2</sup> \[AWG\]\)](#) = 0.20<sup>2</sup> [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