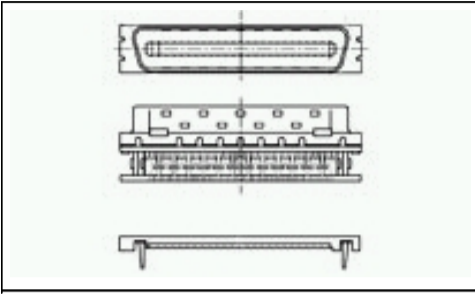


## 2-5175677 -5 Product Details

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



**2-5175677 -5**

Active

### 1.27 [.050] Series II and Series III Connectors

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

#### Product Highlights:

- ? Mating Type = Plug
- ? Number of Positions = 36
- ? Terminate To Cable
- ? With Mating Connector Lock
- ? Wire Size = 28 mm<sup>2</sup> [AWG]

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

#### Quick Links

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

### Documentation & Additional Information

#### Product Drawings:

- ? [CHAMP .050 PLUG CONN. KIT](#) (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:

- ? [Mating Type](#) = Plug
- ? [Number of Positions](#) = 36
- ? [Mating Connector Lock](#) = With
- ? [Wire Size \(mm<sup>2</sup> \[AWG\]\)](#) = 28
- ? [Product Series](#) = Series II
- ? Wire Insulation Diameter (mm [in]) = 0.51 - 0.71 [0.020 - 0.028]
- ? Mating Connector Lock Type = Use with Backshell Kit
- ? Color = Black
- ? Cover Material = Glass -filled PBT

#### Mechanical Attachment:

- ? [Panel Attachment](#) = Without

#### Termination Related Features:

- ? Solder Tail Contact Plating = Tin

#### Body Related Features:

- ? Centerline (mm [in]) = 1.27 [0.050]
- ? Cover Flammability Rating = UL 94V -0

#### Contact Related Features:

- ? [Contact Mating Area Plating Material](#) = Gold (30)
- ? Contact Material = Phosphor Bronze

#### Housing Related Features:

- ? [Housing Material Temperature](#) = Standard
- ? Housing Material = PBT - GF
- ? Housing Flammability Rating = UL 94V -0

#### 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

#### Conditions for Usage:

- ? [Terminate To](#) = Cable

#### Other:

- ? Brand = AMP