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Part Number: [1731090180](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT Standard-Density D-Sub Connector, Male, Right-Angle, PCB Through Hole, Gold Plating, 200 Mating Cycles, Riveted Metal Bracket and Clinch Nut, 50 Circuits

Documents:

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|------------------|--------------------------------------|
| Product Family | D-Sub Products |
| Series | 173109 |
| IP Rating | IP20 |
| Overview | FCT D-Sub Connectors |
| Product Category | D-Sub Connector |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 889056486620 |

Physical

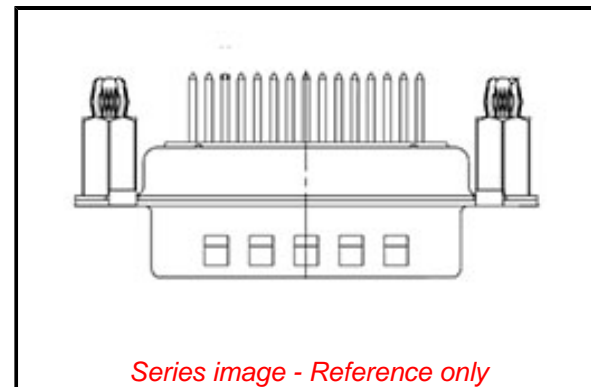
| | |
|--------------------------------|------------------|
| Circuits (Loaded) | 50 |
| Circuits (maximum) | 50 |
| Color - Resin | White |
| Durability (mating cycles max) | 200 |
| Gender | Male |
| Material - Contact | Copper Alloy |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 25.700/g |
| Number of Rows | 3 |
| Orientation | Right-Angle |
| PC Tail Length | 12.50mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Carton |
| Panel Mount | Rear |
| Panel Mount Method | Thread-In |
| Pitch - Mating Interface | 2.84mm |
| Pitch - Termination Interface | 2.54mm |
| Plating - Contact | Gold over Nickel |
| Plating - Shell | Tin |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Shielded | Yes |
| Temperature Range - Operating | -55° to +125°C |
| Termination Style | Through Hole |
| Waterproof / Dustproof | No |
| Waterproof / Dustproof Type | IP20 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 7.5A |
|-------------------------------|------|

Material Info

| | |
|--------------------|--------------|
| Engineering Number | F50P5G2-1982 |
|--------------------|--------------|



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(a)-I,6(c)

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[173109 Series](#)

Mates With

FCT Standard-Density D-Sub, Size 5, 50 Position, Socket

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