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Part Number: [1731130086](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT High-Density D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, 78 Circuits

Documents:

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

General

| | |
|------------------|--------------------------------------|
| Product Family | D-Sub Products |
| Series | 173113 |
| IP Rating | IP20 |
| Overview | FCT D-Sub Connectors |
| Product Category | D-Sub Connector |
| Product Name | FCT Products |
| Type | High Density |
| UPC | 889056489997 |

Physical

| | |
|--------------------------------|------------------|
| Circuits (Loaded) | 78 |
| Circuits (maximum) | 78 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Gender | Female |
| Material - Contact | Copper Alloy |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 20.000/g |
| Number of Rows | 4 |
| Orientation | Straight |
| PC Tail Length | 9.50mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Panel Mount | Rear |
| Panel Mount Method | Flange |
| Pitch - Mating Interface | 2.08mm |
| Pitch - Termination Interface | 2.08mm |
| Plating - Contact | Gold over Nickel |
| Plating - Shell | Nickel |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Shielded | Yes |
| Temperature Range - Operating | -55° to +105°C |
| Termination Style | Through Hole |
| Waterproof / Dustproof | No |
| Waterproof / Dustproof Type | IP20 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
|-------------------------------|------|

Material Info

| | |
|--------------------|-----------|
| Engineering Number | CT50-78S1 |
|--------------------|-----------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
ED/71/2019 (16 July
2019)
lead

Halogen-Free

Status

Not Reviewed

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[173113 Series](#)

Mates With

FCT High-Density D-Sub, Size 5, 78
Position, Plug

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