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Part Number: [1727040029](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell with Dimples, 27 Circuits, 25 Signal Contacts Loaded

Documents:

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

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

General

| | |
|------------------|--------------------------------------|
| Product Family | D-Sub Products |
| Series | 172704 |
| IP Rating | IP20 |
| Overview | FCT D-Sub Connectors |
| Product Category | D-Sub Connector |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 889056019408 |

Physical

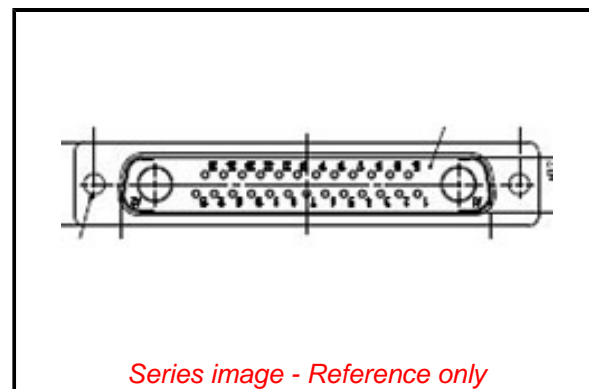
| | |
|--------------------------------|-----------------------------|
| Circuits (Loaded) | 25 |
| Circuits (maximum) | 27 |
| Color - Resin | Green |
| Durability (mating cycles max) | 500 |
| Gender | Male |
| Material - Contact | Copper Alloy |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 13.000/g |
| Number of Rows | 2 |
| Orientation | Straight |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Carton |
| Panel Mount | Rear |
| Panel Mount Method | Flange |
| Pitch - Mating Interface | 2.84mm |
| Pitch - Termination Interface | 2.84mm |
| Plating - Contact | Gold over Nickel Phosphorus |
| Plating - Shell | Tin |
| Polarized to Mating Part | Yes |
| Ports | 1 |
| Shielded | Yes |
| Temperature Range - Operating | -55° to +130°C |
| Termination Style | Solder Cup |
| Waterproof / Dustproof | No |
| Waterproof / Dustproof Type | IP20 |
| Wire Size AWG | 20 |

Electrical

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

Material Info

| | |
|--------------------|---------------|
| Engineering Number | FM27W2PA-K120 |
|--------------------|---------------|



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

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

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[172704 Series](#)

Mates With

FCT Mixed Layout D-Sub, Size 4, 27W2, Socket

Use With

FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts

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