

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1731070067](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 21 Circuits, 17 Signal Contacts Loaded

**Documents:**

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

**General**

|                  |                                      |
|------------------|--------------------------------------|
| Product Family   | D-Sub Products                       |
| Series           | <a href="#">173107</a>               |
| IP Rating        | IP20                                 |
| Overview         | <a href="#">FCT D-Sub Connectors</a> |
| Product Category | D-Sub Connector                      |
| Product Name     | FCT Products                         |
| Type             | Mixed Layout                         |
| UPC              | 889056318617                         |

**Physical**

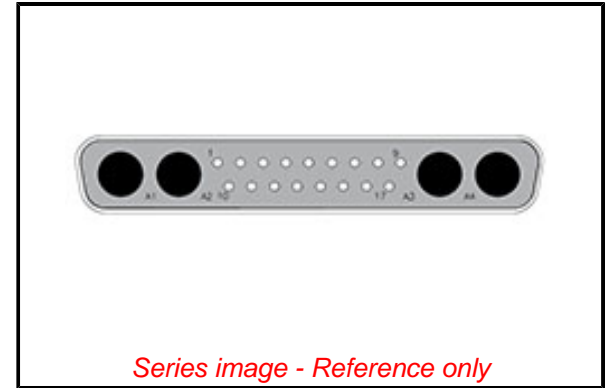
|                                |                  |
|--------------------------------|------------------|
| Circuits (Loaded)              | 17               |
| Circuits (maximum)             | 21               |
| Color - Resin                  | Green            |
| Durability (mating cycles max) | 500              |
| Gender                         | Male             |
| Material - Contact             | Copper Alloy     |
| Material - Resin               | PBT              |
| Material - Shell               | Steel            |
| Net Weight                     | 11.900/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 |
| Plating - Shell                | Tin              |
| Plating min - Mating           | 0.800µm          |
| 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 | FM21WA4P-K120 |
|--------------------|---------------|



*Series image - Reference only*

**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**

[173107 Series](#)

**Mates With**

FCT Mixed Layout D-Sub, Size 4, 21WA4, Socket

**Use With**

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

This document was generated on 07/31/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [D-Sub Mixed Contact Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[790-025SF-5P5NMN](#) [790-025SJ-7P7NML](#) [DAM-7W2PC](#) [L717TWB5W5P3R](#) [L717TWB5W5PRM84](#) [L717TWP3W3P](#)  
[3003W3PXX56N40X](#) [3005W5PXX99E40X](#) [3005W5SXX99A30X](#) [3005W5SXX99E40X](#) [3013W6SCM99A10X](#) [3036W4PCM41A10X](#)  
[3036W4SCM99A10X](#) [FCE17-E2W2SS-2N0](#) [212522-7](#) [PII-468-1](#) [3003W3PXX43A10X](#) [3003W3SXX56N40X](#) [3005W5PXX88N40X](#)  
[3007W2PAR71E20X](#) [3008W8SXX57A30X](#) [3009W4PCT57P20X](#) [3011W1SXX99A10X](#) [3017W2SAR69C40X](#) [321WA4PXX99A60X](#)  
[3F3SSC22S41A30X](#) [L717TWA7W2PP2SY3R](#) [DBM-17W2S-1A8N-A190-A197-1](#) [421WA4PCR50E20X](#) [09691009009](#) [09691100022500](#)  
[09693009176](#) [09692009147](#) [09693909015](#) [6017W2PCM41B30X](#) [790-061SH-36W2NMNA](#) [790-044SE-7P3MNPB](#) [790-043PE-11P2MPA](#)  
[790-043PB-2P2MPB](#) [790-029SB-2P2MEPA](#) [790-028PK-9P9MPA](#) [790-028PH-54P2MGA](#) [790-028PH-36P2MNA](#) [790-028PB-2P2MPA](#) [790-](#)  
[027SH-5W5MTEP](#) [790-026PH-54P2ZNUG](#) [790-026PH-54P2MP](#) [790-026PH-36P2ZNUG](#) [790-026PH-36P2MG](#) [790-026PD-3P3MP](#)