



Part Number : [1731070795](#)

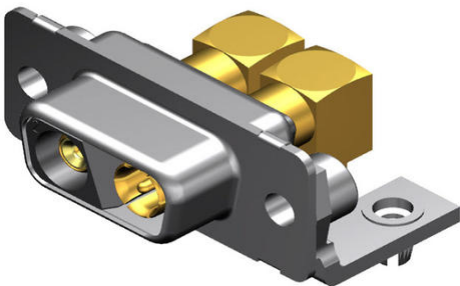
Product Description : FCT Mixed Layout D-Sub Connector, Female, Right-Angle, PCB Through Hole, Gold Plating, Tin-plated Shell, Polarized, 14.50mm Riveted Metal Bracket and #4-40 Clinch Nut, 2 Circuits Loaded (Coaxial Male and Female), Black Insulator

Series Number : 173107

Status : Active

Product Category : D-Sub Connectors

Engineering Number : F2W2SC-2637



Documents & Resources

Drawings

[1731070795 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	D-Sub Connectors
Series	173107
Description	FCT Mixed Layout D-Sub Connector, Female, Right-Angle, PCB Through Hole, Gold Plating, Tin-plated Shell, Polarized, 14.50mm Riveted Metal Bracket and #4-40 Clinch Nut, 2 Circuits Loaded (Coaxial Male and Female), Black Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130102730

Electrical

Current - Maximum per Contact	2.0A
Shielded	Yes

Physical

Circuits (Loaded)	2
Circuits (maximum)	2

Color - Resin	Black
Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	14.300/g
Number of Rows	1
Orientation	Right-Angle
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Locator	Yes
PCB Retention	Yes
PC Tail Length	13.80mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.200µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-55° to +130°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 1, 2W2, Plug

This document was generated on Sep 10, 2025