Part Number : 1731140386

Product Description : FCT Backshell Connector Kit, Shielded Plastic Backshell, Female Standard Density D-Sub Connector, 9 Circuits, Straight Cable Outlet, IP67 Waterproof

Series Number : 173114

Status : Active

Product Category : D-Sub Connector Kits

Engineering Number : FWH1A-09S-3649

Documents & Resources

Drawings

Drawing_1731140386_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2022)4187-DC (10 June 2022)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	D-Sub Connector Kits
Series	173114
Description	FCT Backshell Connector Kit, Shielded Plastic Backshell, Female Standard Density D-Sub Connector, 9 Circuits, Straight Cable Outlet, IP67 Waterproof
Contact Type	Machined Solder
IP Rating	IP67
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Plastic, Standard Density
UPC	191130516681

Electrical

Current - Maximum per Contact	7.5A
Shield Type	Shielded Plastic
Shielded	Yes

Physical

Cable Diameter	6.00-8.00mm
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Red
Durability (mating cycles max)	500
Gender	Female
Material - Backshell	Polyester
Material - Contact	Brass
Material - Resin	PBT
Material - Screw	Brass
Material - Seal	Elastomer
Material - Shell	Brass
Mounting Style	Locking Screw
Net Weight	21.700/g

Number of Rows	2
Orientation	Straight
Packaging Type	Bag
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Backshell	Nickel
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.100µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-25° to +70°C
Termination Style	Solder Cup
Thread Size	4-40 UNC
Thread Type	Standard
Tightening Test Torque	40 Ncm
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP67
Wire Size (AWG)	20