Part Number : 1731140989

Product Description : FCT Backshell Connector Kit, Metal Backshell, Male Mixed Layout D-Sub Connector, High Power Solder Cup Contacts, 5 Circuits, Straight Cable Outlet

Series Number : 173114

Status : Active

Product Category : D-Sub Connector Kits

Engineering Number : FMK3G-5W5P-6198

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(2023)3788-DC (14 Jun 2023)
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, Metal Backshell, Male Mixed Layout D-Sub Connector, High Power Solder Cup Contacts, 5 Circuits, Straight Cable Outlet
Contact Type	High Power
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Rugged Metal, Mixed Layout
UPC	195842746640

Electrical

Current - Maximum per Contact	20.0A
Shield Type	Solid Metal
Shielded	Yes

Physical

Cable Diameter	3.00-8.50mm
Circuits (Loaded)	0
Circuits (maximum)	5
Color - Resin	Green
Durability (mating cycles max)	500
Gender	Male
Material - Backshell	Zinc Die-cast
Material - Bushing	TPE
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Retaining Clip	Copper Alloy
Material - Screw	Steel
Material - Shell	Steel
Mounting Style	Locking Screw
Net Weight	133.300/g
Number of Rows	1
Orientation	Straight
Packaging Type	Bag

Plating - Backshell	Nickel
Plating - Contact	Gold over Nickel
Plating min - Mating	0.200µm, 0.800µm
Plating min - Termination	0.200µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-35° to +100°C
Termination Style	Solder Cup
Thread Size	4-40 UNC or M3
Thread Type	Standard
Tightening Test Torque	40 Ncm
Waterproof / Dustproof	No
Wire Size (AWG)	12, 14, 16