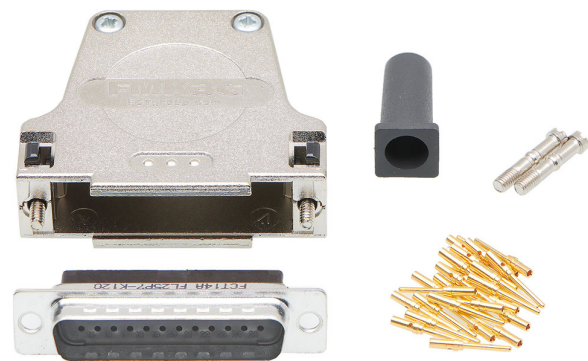




Part Number : 1731140977
Product Description : FCT Backshell
Connector Kit, Metal Backshell, Male Standard
Density D-Sub Connector, Machined Crimp
Signal Contacts, 25 Circuits, Straight Cable
Outlet
Series Number : 173114
Status : Active
Product Category : D-Sub Connector Kits
Engineering Number : FMK3G-25P7-6191



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 Standard Density D-Sub Connector, Machined Crimp Signal Contacts, 25 Circuits, Straight Cable Outlet
Contact Type	Machined Crimp
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Rugged Metal, Standard Density
UPC	195842746527

Electrical

Current - Maximum per Contact	7.5A
Shield Type	Solid Metal
Shielded	Yes

Physical

Cable Diameter	3.00-8.50mm
Circuits (Loaded)	0
Circuits (maximum)	25
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Male
Material - Backshell	Zinc Die-cast
Material - Bushing	TPE
Material - Contact	Brass
Material - Resin	PBT, Polyamide
Material - Screw	Steel
Material - Shell	Steel
Mounting Style	Locking Screw
Net Weight	136.600/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	0.200µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-35° to +100°C
Termination Style	Crimp
Thread Size	4-40 UNC or M3
Thread Type	Standard
Tightening Test Torque	40 Ncm
Waterproof / Dustproof	No
Wire Size (AWG)	18, 20, 22, 24, 26, 28