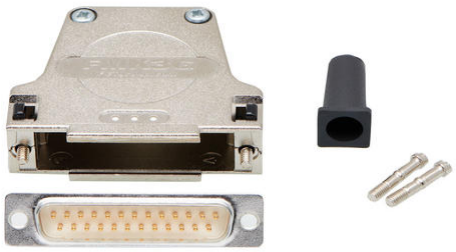
Part Number : 1731140973
Product Description : FCT Backshell Connector Kit, Metal Backshell, Male Standard Density D-Sub Connector, Solder Cup Signal Contacts, 25 Circuits, Straight Cable Outlet
Series Number : 173114
Status : Active
Product Category : D-Sub Connector Kits
Engineering Part Number : FMK3G-25P-6190



Documents and Resources

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(2023)3788-DC (14 Jun 2023)
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

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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, Solder Cup Signal Contacts, 25 Circuits, Straight Cable Outlet
Contact Type	Machined Solder
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Rugged Metal, Standard Density
UPC	195842746442

Electrical

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

Physical

Cable Diameter	3.00-8.50mm
Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	White
Durability (mating cycles min)	200
Gender	Male
Material - Backshell	Zinc Die-cast
Material - Bushing	TPE
Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)
Material - Screw	Steel
Material - Shell	Steel

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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	0.200µm
Plating min - Termination	0.200µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Shell Size	3
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)	20

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