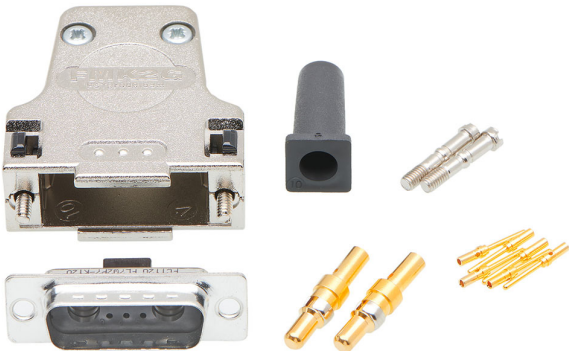





**Part Number :** 1731140991  
**Product Description :** FCT Backshell  
Connector Kit, Metal Backshell, Male Mixed  
Layout D-Sub Connector, (2) High Power  
Crimp Contacts, (5) Machined Crimp Signal  
Contacts, 7 Circuits, Straight Cable Outlet  
**Series Number :** 173114  
**Status :** Active  
**Product Category :** D-Sub Connector Kits  
**Engineering Number :** FMK2G-7W2P7-6199



## 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)8585-DC (23 Jan 2024)
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, (2) High Power Crimp Contacts, (5) Machined Crimp Signal Contacts, 7 Circuits, Straight Cable Outlet
Contact Type	High Power and Signal
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Rugged Metal, Mixed Layout
UPC	195842746664

## 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)	7
Color - Resin	Black
Durability (mating cycles max)	200
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	122.000/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