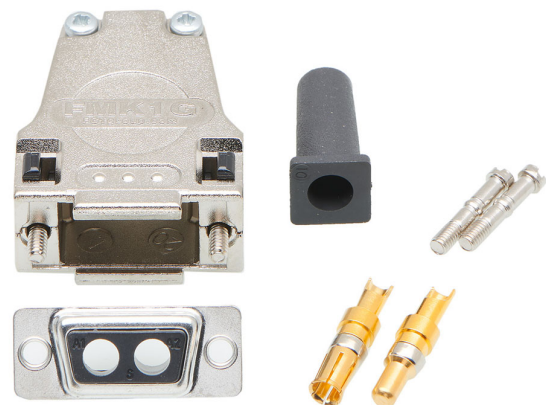





**Part Number :** 1731140982  
**Product Description :** FCT Backshell  
Connector Kit, Metal Backshell, Female Mixed  
Layout D-Sub Connector, (1) Male and (1)  
Female High Power Solder Cup Contacts, 2  
Circuits, Straight Cable Outlet  
**Series Number :** 173114  
**Status :** Active  
**Product Category :** D-Sub Connector Kits  
**Engineering Number :** FMK1G-2W2SC-6194



## 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, Female Mixed Layout D-Sub Connector, (1) Male and (1) Female High Power Solder Cup Contacts, 2 Circuits, Straight Cable Outlet |
| Contact Type | High Power   |
| IP Rating    | IP20   |
| Magnetic     | Yes  |
| Product Name | FCT Products   |
| Type         | Rugged Metal, Mixed Layout   |
| UPC          | 195842746572   |

## Electrical

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

## Physical

|                                |               |
|--------------------------------|---------------|
| Cable Diameter                 | 3.00-9.50mm   |
| Circuits (Loaded)              | 0             |
| Circuits (maximum)             | 2             |
| Color - Resin                  | Black         |
| Durability (mating cycles max) | 500           |
| Gender                         | Female        |
| 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                    | 117.300/g        |
| Number of Rows                | 1                |
| Orientation                   | Straight         |
| Packaging Type                | Bag              |
| 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             | 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       |