

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1727040147](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT High Power Contact, Male, Straight, Solder Cup, 0.80µm Gold Plating, 12-16 AWG

**Documents:**

[Drawing \(PDF\)](#)  
[Brochure \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	D-Sub Products
Series	<a href="#">172704</a>
Contact Type	High Power
Overview	<a href="#">FCT D-Sub Connectors</a>
Product Category	Contacts
Product Name	FCT Products
Taxonomy	D-Sub Contacts
Type	Mixed Layout
UPC	889056020589

**Physical**

Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Retaining Clip	Copper Alloy
Net Weight	2.000/g
Orientation	Straight
Packaging Type	Bag
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.200µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Solder Cup
Wire Size AWG	12, 14, 16

**Electrical**

Current - Maximum per Contact	20.0A
-------------------------------	-------

**Material Info**

Engineering Number	FMP006P103
--------------------	------------

**Reference - Drawing Numbers**

Sales Drawing	1727040147-000
---------------	----------------



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2022)4187-DC (10  
June 2022)

Lead

**Halogen-Free**

**Status**

**Not Relevant**

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[172704 Series](#)

**Use With**

FCT Mixed Layout Connectors