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Part Number: [1002121001](#)
Status: **Active**
Overview: Imperium™ High Voltage/High Current (HVHC) Connector System
Description: Imperium™ 2 Circuit, Single Ended Male-to-Pigtail Cable Assembly, 0.50m Cable Length

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-100212-001 \(PDF\)](#)
[Product Specification PS-171467-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Cable Assemblies
Series	100212
Application	Power
Assembly Configuration	Single Ended Connector
Connector to Connector	Imperium™-to-Pigtail
Overview	Imperium™ High Voltage/High Current (HVHC) Connector System
Product Name	Imperium™
UPC	887191560885

Physical

Cable Length	0.50m
Circuits (Loaded)	2
Color - Resin	Orange
Gender	Male-Pigtail
Lock to Mating Part	Yes
Material - Metal	Copper
Material - Plating Mating	Silver over Nickel
Material - Resin	Polyester
Net Weight	249.754/g
Packaging Type	Tray
Pitch - Mating Interface	32.00mm
Single Ended	Yes
Wire Size AWG	1/0
Wire/Cable Type	EXRAD-FXS

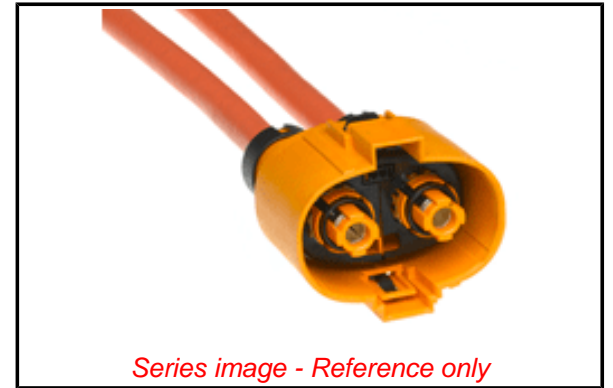
Electrical

Current - Maximum per Contact	250.0A
Shield Type	Single Shield
Shielded	Yes
Voltage - Maximum	1000V DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-100212-001
Product Specification	PS-171467-001
Sales Drawing	SD-100212-001, SD-100213-001



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[100212 Series](#)

Mates With

Imperium™ High Voltage Receptacle
171466 , 171467