Part Number : 2046080001
Product Description : PowerWize 8.00mm Copper Alloy Crimp Socket, 1/0 AWG, Tray
Series Number : 204608
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

2046080001_sd.pdf

2046080001-PK-000.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

2043130001-AS-000.pdf

2155101000-AS-000.pdf

2046000001-PS-000.pdf

2155100008-PS-000.pdf

2155108000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant 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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	204608
Description	PowerWize 8.00mm Copper Alloy Crimp Socket, 1/0 AWG, Tray
Application	Power, Wire-to-Board, Wire-to-Busbar
Comments	Current and voltage performances are dependent upon application variables
Product Name	PowerWize,PowerWize BMI
UPC	191128469418

Electrical

Current - Maximum per Contact	200.0A
Voltage - Maximum	600V

Physical

Diameter	8.00mm
Durability (mating cycles max)	200
Gender	Female

Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Net Weight	15.307/g
Packaging Type	Tray
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size (AWG)	1/0
Wire Size mm^2	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
PowerWize 8.00mm, 2-circuit, Black Receptacle Housing, Partitioned Carton	2046010001
PowerWize BMI 8.00mm, 2-circuit, Black Panel Mount Receptacle Housing, Bag	2155118121
PowerWize 8.00mm TPA (Terminal Position Assurance) Retainer for use with 1/0 AWG Wire, Partitioned Carton	2046030001

Application Tooling

Global

Description	Part Number
DIN-Style Die Set for Coeur CST High-Current Female Crimp Terminal, 1/0 AWG	192890800