Part Number : 502178100
Product Description : Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Bag, Phosphor Bronze
Series Number : 50217
Status : Not Recommended For New Design
Product Category : Crimp Terminals
Packaging Alternative : 502178000 (Reel)



Documents & Resources

Specifications

502179200-200.pdf
PS-51067-003-001.pdf
PS-51067-004-001.pdf
PS-51067-006-001.pdf
PS-51067-018-001.pdf
PS-51067-022-001.pdf
PS-51067-023-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 47; 34
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(2025)4165-DC (25 June 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	Not Recommended For New Design
Category	Crimp Terminals
Series	50217
Description	Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Bag, Phosphor Bronze
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Mighty-SPOX
UPC	800754369572

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	247.500/mg
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40-3.00mm
Wire Size (AWG)	18, 20, 22, 24
Wire Size mm^2	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mighty-SPOX Male Crimp Terminals	50419

Use with Part(s)

Description	Part Number
Mighty-SPOX Receptacle Housings	51067

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for 3.50mm Terminals for 24-18 AWG UL1015 and UL1007 or Equivalent Wire	638118300
Extraction and Activation Tool	638132700

Japan

Description	Part Number
Hand Extraction Tool	11260100
Hand Crimper - UL1007	571895000
Hand Crimper - UL1015	571905000