



Part Number : 502178000

Series Number : 50217

Product Category : Crimp Terminals

Product Description : Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Reel, Phosphor Bronze


Status : New Business Not Supported

Packaging Alternative : 502178100 (Bag)

Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant 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	New Business Not Supported
Category	Crimp Terminals

Series	50217
Description	Mighty-SPOX Crimp Terminal, 3.50mm Pitch, 24-18 AWG, Reel, Phosphor Bronze
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	Mighty-SPOX Connector System
Product Name	Mighty-SPOX
UPC	800753576148

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
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

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for 3.50mm Terminals for 24-18 AWG UL1015 and UL1007 or Equivalent Wire	<u>638118300</u>
Extraction and Activation Tool	<u>638132700</u>
T2 Terminator Die, Large Insulation	<u>638503000</u>
T2 Terminator Die, Small Insulation	<u>638503100</u>
FineAdjust Applicator, Large Insulation	<u>638603000</u>
FineAdjust Applicator, Small Insulation	<u>638603100</u>

Application Tooling

Japan

Description	Part Number
Hand Extraction Tool	<u>11260100</u>
S-1 Applicator for 3.50mm Pitch Crimp Terminal, 24-18 AWG, UL1007 Wires	<u>571833700</u>
S-1 Applicator for 3.50mm Pitch Crimp Terminal, 24-18 AWG, UL1015 Wires	<u>571833710</u>