



Part Number : 08701031

Series Number : 5194

Product Category : Crimp Terminals

Packaging Alternative : 08701030 (Bag)

Product Description : SPOX Crimp Terminal, 24-18 AWG, Brass, Reel

Status : Active

Engineering Number : 5194T

Documents & Resources

Drawings

Drawing 008701031_sd.pdf

Specifications

- Packaging Specification 51949200-200.pdf
- Product Specification PS-5096-003-001.pdf
- Product Specification PS-5195-001-001.pdf
- Product Specification PS-5195-002-001.pdf
- Product Specification PS-5195-005-001.pdf
- Product Specification PS-5195-009-001.pdf
- Product Specification PS-5195-010-001.pdf
- Product Specification PS-5195-011-001.pdf
- Product Specification PS-5196-001-001.pdf
- Product Specification PS-5196-004-001.pdf
- Product Specification PS-5196-005-001.pdf
- Product Specification PS-5196-006-001.pdf
- Product Specification PS-5197-001-001.pdf
- Product Specification PS-5197-003-001.pdf
- Product Specification PS-5197-004-001.pdf
- Product Specification PS-5273-003-001.pdf
- Product Specification PS-5273-004-001.pdf

Tooling Specifications

Crimp Specification CS-5194-001.pdf

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	Active
Category	Crimp Terminals
Series	5194
Description	SPOX Crimp Terminal, 24-18 AWG, Brass, Reel
Application	Signal
Product Family	SPOX Connector System
Product Name	SPOX
UPC	800753534896

Electrical

Current - Maximum per Contact	7.0A
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Physical

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

Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.20mm
Wire Size (AWG)	18, 20, 22, 24
Wire Size mm ²	N/A

Use with Part(s)

Description	Part Number
SPOX 3.96mm Pitch Single Row Receptacle Housings	<u>5195</u>
SPOX 5.08mm Pitch Single Row Receptacle Housings	<u>5197</u>
SPOX 5.08mm Pitch Single Row Receptacle Housings	<u>5198</u>

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for SPOX Terminals, 24-18 AWG	<u>638116500</u>
Extraction and Activation Tool	<u>638132700</u>
FineAdjust Applicator for SPOX Crimp Terminal, Insulation Diameter OD 1.70-2.10mm, 24-18 AWG	<u>639044600</u>
FineAdjust Applicator for Insulation Diameter OD 2.20-2.60mm, 24-18 AWG	<u>639045200</u>
T2 Terminator for 3.96mm Pitch SPOX Crimp Terminal, 24-18 AWG	<u>639145200</u>

Application Tooling

Japan

Description	Part Number
Hand Extraction Tool	<u>11260100</u>
S-1 Applicator for SPOX Terminals, 24-20 AWG	<u>2023013700</u>

S-1 Applicator for SPOX Terminals, 18 AWG	<u>2023013710</u>
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