Part Number : 874210100

Product Description : 1.50mm Pitch, Pico-SPOX Female Crimp Terminal, Pre-Plated Tin (Sn), 26-30 AWG, Reel

Series Number : 87421

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing_874210100_sd.pdf

3D Models and Design Files

3D Model_874210100_stp.zip

Specifications

Packaging Specification_874219200-SPK-201.pdf
Product Specification_PS-78047-001-001.pdf
Product Specification_874371001-PS-001.pdf
Product Specification_PS-87437-001-001.pdf

Tooling Specifications

Crimp Specification_874210000-CS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	87421
Description	1.50mm Pitch, Pico-SPOX Female Crimp Terminal, Pre-Plated Tin (Sn), 26-30 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	Pico-SPOX Wire-to-Board Connector System
Product Name	Pico-SPOX
UPC	191128151795

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

Physical

Durability (mating cycles max)	10
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	35.466/mg
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	0.70-1.00mm
Wire Size (AWG)	26, 28, 30
Wire Size mm^2	N/A

Use with Part(s)

Description	Part Number
Pico-SPOX Single Row Receptacle Housings	87439

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for 1.50mm Pico-SPOX Female Crimp Terminals, 26-30 AWG, UL1061 and UL1571	2002187500
FA2 Mechanical Feed Crimp Applicator for Pico-SPOX 1.50mm Pitch Receptacle Crimp Terminals, 26-30 AWG, UL1061 Wire	2130691100
FA2 Pneumatic Feed Crimp Applicator for 1.50mm Pitch Pico-SPOX Receptacle Crimp Terminals, 26-30 AWG, UL1061 Wire	2130691110
Extraction and Activation Tool	638132700

Application Tooling

Japan

Description	Part Number
S-1 Applicator for Pico-SPOX Terminals, 26-30 AWG	2045793700