



Part Number : 901190109

Series Number : 90119

Product Category : Crimp Terminals

Product Description : C-Grid III Female Crimp Terminal, 24-22 AWG, Reel, Tin (Sn)

Status : Active

Packaging Alternative : 901192109 (Bag)

Documents & Resources

Drawings

Drawing 901190109_sd.pdf

Packaging Design Drawing PK-90119-100-001.pdf

3D Models and Design Files

3D Model 901190109_stp.zip


Specifications

Application Specification 901190001-AS-000.pdf

Product Specification PS-99020-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Compliant per 2000/53/EC
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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	90119
Description	C-Grid III Female Crimp Terminal, 24-22 AWG, Reel, Tin (Sn)
Application	Signal, Wire-to-Board
Comments	Left-hand feed
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid III
UPC	800753538795

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.073/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.02-1.47mm
Wire Size (AWG)	22, 24
Wire Size mm ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
C-Grid III Modular Single Row Crimp Housings	<u>90123</u>
C-Grid III Dual Row Crimp Housings	<u>90142</u>
C-Grid III Modular Dual Row Crimp Housings	<u>90143</u>
C-Grid III Single Row Crimp Housings	<u>90156</u>
C-Grid III Dual Row Crimp Housings	<u>90160</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool For C-Grid III Female Crimp Terminals, 24-22 AWG	<u>638258100</u>
T2 Terminator Die	<u>638514100</u>
FineAdjust Applicator for C-Grid III Crimp Terminals, 24-22 AWG Wire with Insulation Diameter 1.00-1.60mm	<u>638614100</u>
Extraction Tool for C-Grid III Terminals	<u>690080003</u>
Insertion Tool for C-Grid III Pre-crimped Terminals	<u>690080140</u>