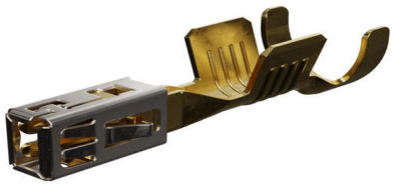
Part Number : 643241149
Product Description : 2.80mm, CMC CP Female Terminal, Tin plated with Selective 1.27µm Gold in Contact Area, for Tab Dimensions 2.80mm by 0.80mm, Wire Size 0.50-1.00mm^2
Series Number : 64324
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

643241149_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-64318-002-001.pdf

AS-64318-002-CH-001.pdf

AS-64318-002-SP-001.pdf

AS-64324-001-001.pdf

AS-64324-001-CH-001.pdf

AS-98420-001-001.pdf

AS-98420-001-CH-001.pdf

AS-98420-001-SP-001.pdf

AS-64318-002-FR-001.pdf

AS-64324-001-FR-001.pdf

AS-98420-001-FR-001.pdf

PK-98910-001-001.pdf

PS-64326-001-001.pdf

Tooling Specifications

CS-64324-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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	Active
Category	Crimp Terminals
Series	64324
Description	2.80mm, CMC CP Female Terminal, Tin plated with Selective 1.27µm Gold in Contact Area, for Tab Dimensions 2.80mm by 0.80mm, Wire Size 0.50-1.00mm^2
Application	Automotive, Power, Wire-to-Wire

Comments	Current tested on a fully loaded connector, current for temperature increase of 40°C'; Current max = 21A for 2.80mm Terminal (5.00mm² wire)
Product Name	CMC,CP Terminal
UPC	883906128463

Electrical

Current - Maximum per Contact	21.0A
Voltage - Maximum	14V DC

Physical

Gender	Female
Material - Metal	High Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Gold
Net Weight	0.470/g
Packaging Type	Reel
Plating min - Mating	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40mm-2.15mm
Wire Size (AWG)	18, 20
Wire Size mm²	0.50-1.00

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Power CMC Receptacles	64318
CMC Receptacles and Wire Caps	64321

Application Tooling

Global

Description	Part Number
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	638132500
Hand Crimp Tool for CP 2.8 Receptacle 20-18 AWG Type TXL Wire and 0.50-0.75mm² Type ID & ID Wire with 2.80mm, CMC Wire Seal Receptacle	638193400
Hand Crimp Tool for CP 2.8 Receptacle 1.00mm Type ID & ID Wire with 2.80mm², CMC Wire Seal Receptacle	638193500
Hand Crimp Tool for CP 2.8 Receptacle Crimp Terminals	638234300
Mini-Mac Applicator for CP2.8 Terminals, 0.50-1.00mm² ID & IR Wire	638951200