Part Number : 643241039
Product Description : 2.80mm, CMC CP Female Terminal, Tin plated, for Tab Dimensions 2.80mm by 0.80mm, Wire Size > 1.00-2.00mm²
Series Number : 64324
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

643241039_sd.pdf

313025040-000.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

PS-64326-001-001.pdf

Tooling Specifications

CS-64324-001-001.pdf

Downloaded from Arrow.com.

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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, for Tab Dimensions 2.80mm by 0.80mm, Wire Size > 1.00-2.00mm^2
Application	Automotive, Wire-to-Wire
Comments	Current tested on a fully loaded connector, current for temperature increase of 40°C';

Downloaded from Arrow.com.

	Current max = 21A for 2.80mm Terminal (5.00mm² wire)
Product Name	CMC,CP Terminal
UPC	883906128418

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	Tin
Net Weight	0.510/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Termination Interface Style	Crimp or Compression
Terminal Size	2.8
Wire Insulation Diameter	2.10-2.80mm
Wire Size (AWG)	14, 16
Wire Size mm²	0.05-1.31

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

Downloaded from Arrow.com.

Global

Description	Part Number
Hand Crimp Tool for CP 2.8 Receptacle 16-14 AWG Type TXL Wire and>1.00-2.00mm^2 Type ID & ID Wire with 2.80mm, CMC Wire Seal Receptacle	638119700
Extraction Tool for 2.80mm CP Crimp Terminals for CMC connector	638132500
Hand Crimp Tool for CP 2.8 Receptacle Crimp Terminals	638234200
Mini-Mac Applicator for CP2.8 Terminals, >1.00-2.00mm^2 ID & IR Wire	638951100

Downloaded from Arrow.com.