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Part Number:

0643241139

Status:

Active

Overview:

cmc_connectors

Description:

2.80mm (.110"), CMC CP Female Terminal, Tin plated; Selective 1.27µm Gold in Contact Area, for Tab Dimensions 2.8mm x 0.8mm , Wire Size >1mm² to 2mm²

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Comments

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

64324

* Current tested on a fully loaded connector, current for temperature increase of 40°C. Curent max = 21.0A for 2.8mm Terminal (5.0mm² wire)

Yes

cmc_connectors

CP Terminal

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

20

Female

High Copper

Gold

Gold

Reel

50.8

1.27

Crimp or Compression

2.10mm-2.80mm

N/A

> 1.0 - 2.0

Electrical

Current - Maximum per Contact

Voltage - Maximum

21A

250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification

Sales Drawing

PK-98910-001

SD-64324-001



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

64324Series

Mates With

CMC Connector [64318](#) , [64321](#). CMC Wire Seal [64325](#)

Use With

CMC Connector [64318](#) , [64321](#). CMC Wire Seal [64325](#)

Application Tooling | FAQ

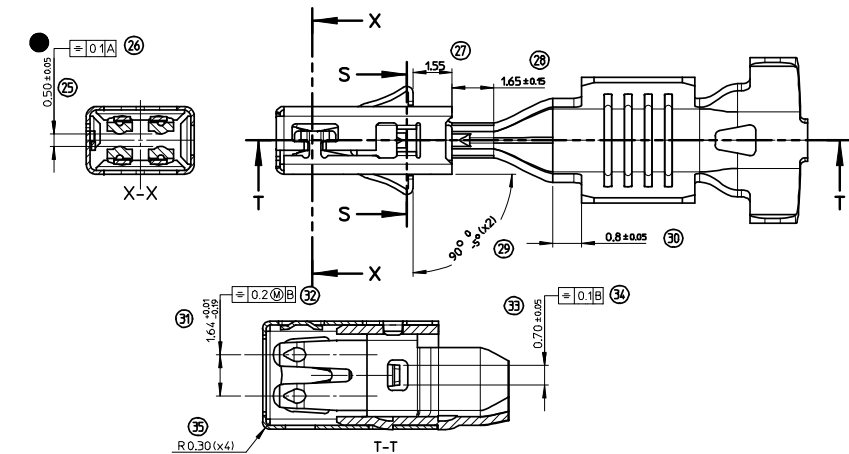
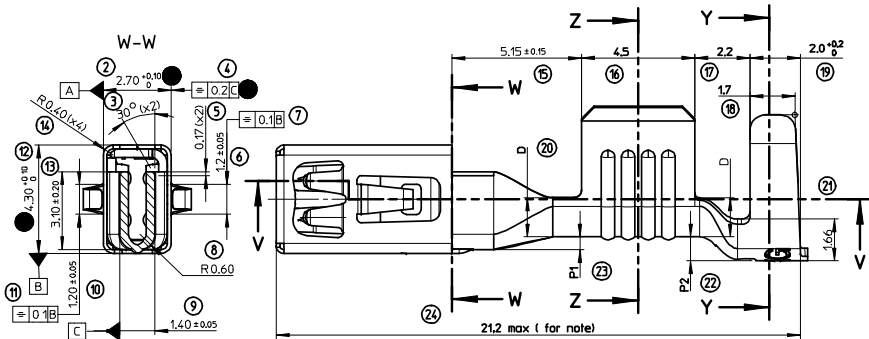
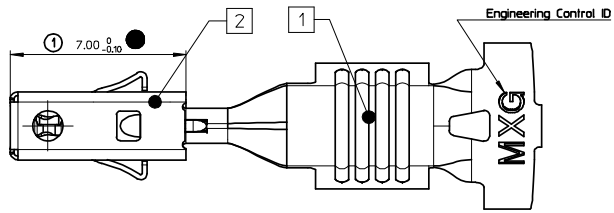
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Hand Crimp Tool for	0638119700
CP 2.8 Receptacle	
14-16 AWG Type	
TXL Wire and	
>1.00-2.00mm2	

Type ID & ID Wire with 2.80mm (.110"), CMC Wire Seal Receptacle Mini-Mac™ Applicator for CP2.8 Terminals, >1.00-2.00mm ID & IR Wire Extraction Tool	<u>0638951100</u> <u>0638132500</u>
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This document was generated on 05/19/2010

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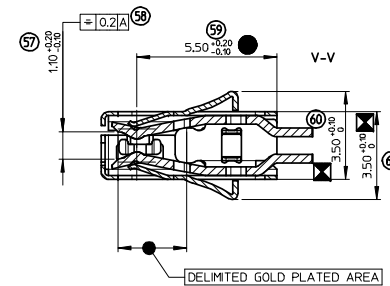
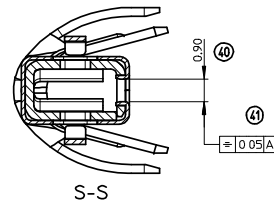
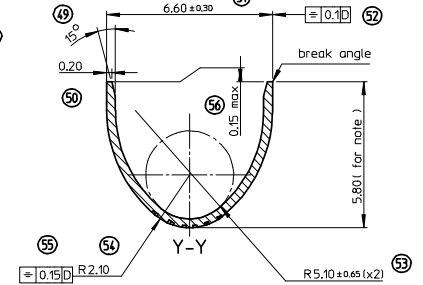
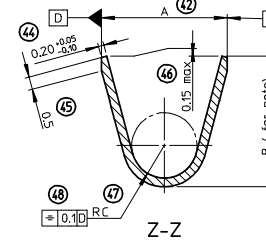
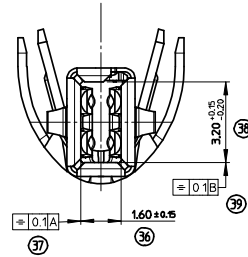
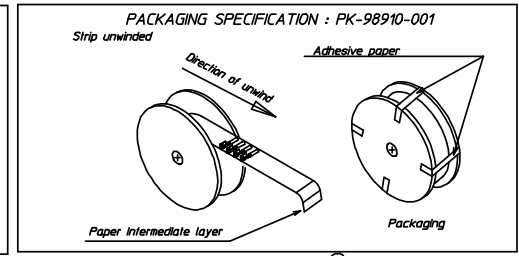
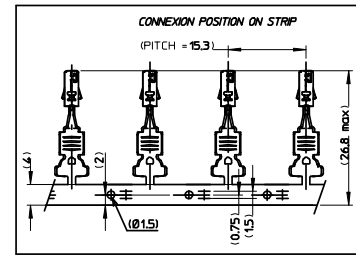
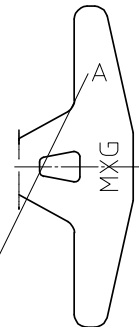
NOTE:

- CRIMPING SPECIFICATION ACCORDING TO CS-64324-001

2	BOX TERMINAL	STAINLESS STEEL thickness : 0.15 mm
1	BODY TERMINAL	HIGH CONDUCTIVITY COPPER ALLOY thickness : 0.35 mm
MARK	DESIGNATION	MATERIAL

064324119	Au 127µ MINI	Sn	Ni	>3 TO 5	5.0	5.2	1.3	1.55	0.5	0.95	0.4902	D
064324109	Sn	Sn									0.4795	
0643241129	Au 127µ MINI	Sn	Ni	>2 TO 3	4.1	4.4	1.0	1.45	0.5	0.95	0.4604	C
0643241029	Sn	Sn									0.4470	
0643241139	Au 127µ MINI	Sn	Ni	>1 TO 2	4.1	3.5	0.9	1.3	0.85 ^{+0.1} _{-0.2}	1.3 ^{+0.1} _{-0.2}	0.4274	B
0643241039	Sn	Sn									0.4191	
0643241149	Au 127µ MINI	Sn	Ni	0.50 TO 1	2.8	2.6	0.7	1.1	0.85 ^{+0.1} _{-0.2}	1.3	0.3916	A
0643241049	Sn	Sn									0.3815	
MATERIAL NUMBER	CONTACT AREA	CRIMPING AREA	UNDERLAYER	CRIMPING RANGE (mm2)	A ±0.2	B	rC ±0.1	D ±0.1	P1 ±0.1	P2 ±0.1	WEIGHT (g)	Identification
PLATING												

crimp range identification



(SKC)	COTES CARACTERISTIQUES SPECIALES	SPECIAL KEY CHARACTERISTICS
⊗	INDICATION DIMENSIONS S.P.C	DENOTES S.P.C DIMENSIONS
⊗	INDICATION DIMENSIONS CRITIQUES	DENOTES CRITICAL DIMENSIONS
●	INDICATION DIMENSIONS FONCTIONNELLES	DENOTES FUNCTIONAL DIMENSIONS
QUANTITE PAR FEUILLE INDIVIDUELLE		
QUANTITY PER INDIVIDUAL SHEET		
⊗ 2	⊗ 0	● 6 (SKC) 0

Revised Dwg EC NO: G2008-0440 DRAWN: JULOU 2008/05/19 CHKD: FPAROLARI 2008/05/19 APPR: LSTICKEIR 2008/05/19	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	⊙ □ FIRST ANGLE PROJECTION	TITLE CP RCPT TRM 2.8			
		mm	INCH	DRAWN BY VQUERIN	DATE 2007/11/07							
		4 PLACES ± ---	± ---	CHECKED BY VQUERIN	DATE 2007/11/07							
		3 PLACES ± ---	± ---	APPROVED BY LSTICKEIR	DATE 2007/11/07							
		2 PLACES ± 0.10	± ---									
		1 PLACE ± 0.1	± ---									
		ANGULAR ± 2°		MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-64324-001		SHEET NO. 1 OF 1				
				SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						