This document was generated on 05/19/2010

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Part Number: 0643241119
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 > 3mm² - 5mm²



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	64324
Comments	* 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)
Crimp Quality Equipment	Yes
Overview	cmc_connectors
Product Name	CP Terminal

Physical

Durability (mating cycles max)	20
Gender	Female
Material - Metal	High Copper
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Reel
Plating min: Mating (µin)	50.8
Plating min: Mating (µm)	1.27
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.40mm-4.00mm
Wire Size AWG	N/A
Wire Size mm²	> 3.0 - 5.0

Electrical

Current - Maximum per Contact	21A
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-98910-001
Sales Drawing	SD-64324-001

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**

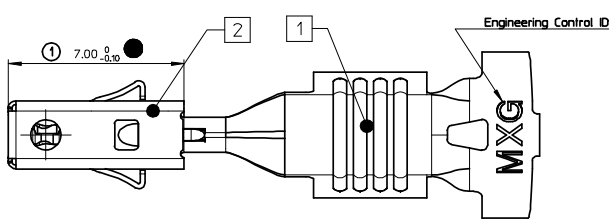
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

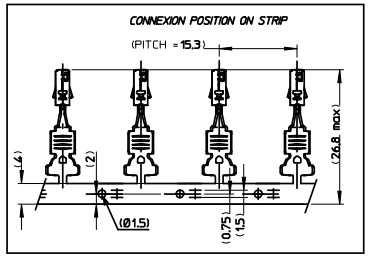
Global

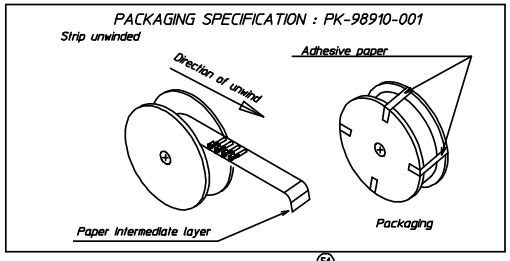
Description	Product #
Hand Crimp Tool for CP 2.8 Receptacle 12-10 AWG Type TXL Wire and >3.00-5.00mm2	0638119900

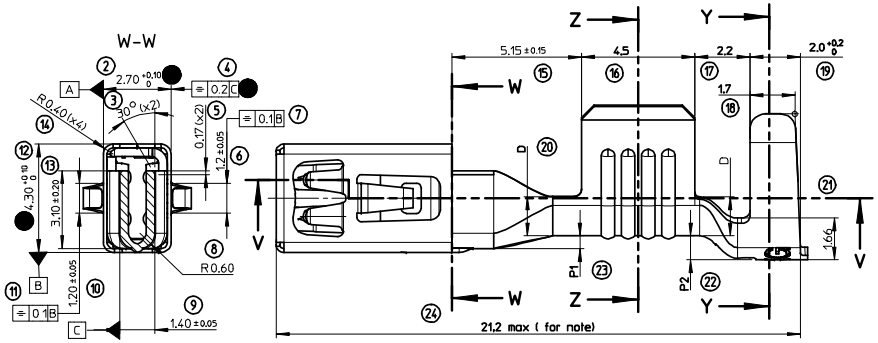
Type ID & ID Wire with 2.80mm (.110"), CMC Wire Seal Receptacle	
Mini-Mac™ Applicator for CP2.8 Crimp Terminals 3.00 - 5.0mm2 type ID & IR Wire	0638950900
Extraction Tool	0638132500

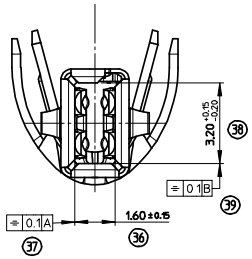
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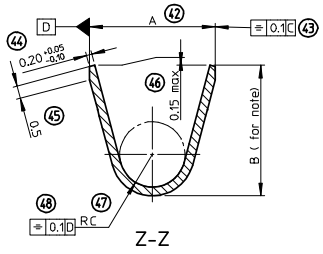


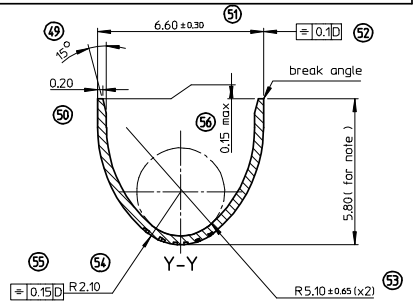


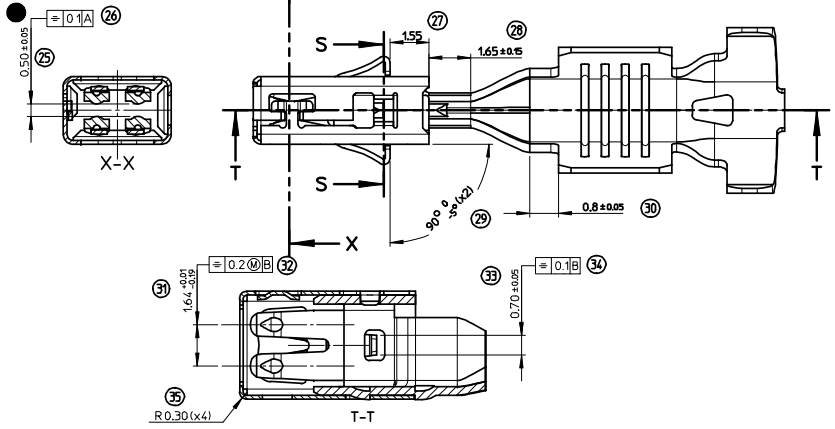










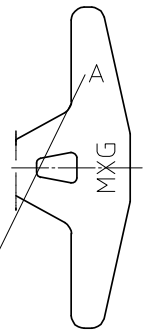


NOTE:
- CRIMPING SPECIFICATION ACCORDING TO CS-64324-001

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

MATERIAL NUMBER	PLATING: CONTACT AREA	PLATING: CRIMPING AREA	PLATING: UNDERLAYER	CRIMPING RANGE (mm2)	A ±0.2	B	rC ±0.1	D ±0.1	P1 ±0.1	P2 ±0.1	WEIGHT (g)	Identifcation
0643241119	Au 1,27µ MINI	Sn	Ni	>3 TO 5	5.0	5.2	1.3	1.55	0.5	0.95	0.4902	D
0643241019	Sn	Sn									0.4795	
0643241129	Au 1,27µ 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 1,27µ 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 1,27µ 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	

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
DRWN:J.JULOU 2008/05/19
CHKD:FPAROLARI 2008/05/19
APPR:LSTICKEIR 2008/05/19
DESCRIPTION
REV C

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.1	± ---
ANGULAR	± 2 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 10:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY	VGUERIN	DATE 2007/11/07
CHECKED BY	FPAROLARI	DATE 2007/11/07
APPROVED BY	LSTICKEIR	DATE 2007/11/07

TITLE: CP RCPT TRM 2.8

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-64324-001
SHEET NO.: 1 OF 1
SIZE: A1

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