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Part Number: 0643221039
Status: Active
Overview: cmc_connectors
Description: 0.635mm (.025") CMC CP Female Terminal, Tin Plated, for Square 0.6mm x 0.6mm Pins, Wire Size 0.5mm²



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-64318-001 (PDF)
- Product Specification PS-64319-001 (PDF)
- Product Specification PS-64321-001 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	64322
Comments	* Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C. Curent max = 6.0A for 0.635mm Terminal(0.75mm² wire)
Crimp Quality Equipment	Yes
Overview	cmc_connectors
Product Name	CMC, CP Terminal

Physical

Durability (mating cycles max)	20
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µm)	1.5, 3
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40mm-1.7mm
Wire Size AWG	N/A
Wire Size mm²	0.5

Electrical

Current - Maximum per Contact	6A
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Application Specification	AS-64321-001
Packaging Specification	PK-98913-001
Product Specification	PS-64318-001, PS-64319-001, PS-64321-001
Sales Drawing	SD-64322-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Halogen-Free

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
64322Series

Mates With
CMC Connector 64318 , 64319 , 64320 , 64321

Use With
CMC Connector 64318 , 64319 , 64320 , 64321

Application Tooling | **FAQ**

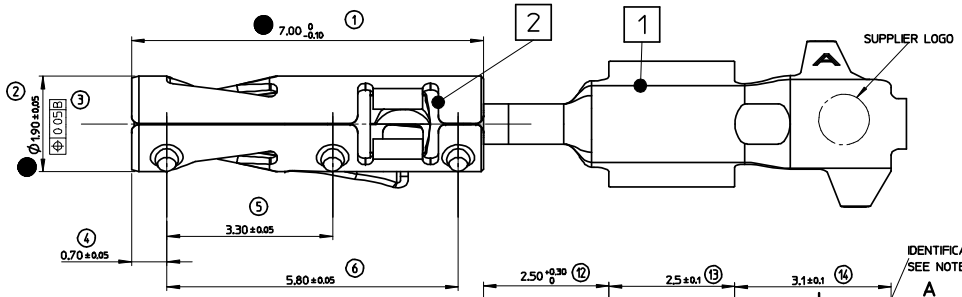
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

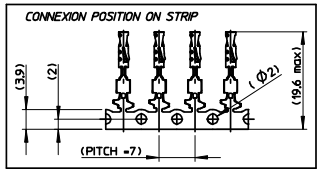
Global

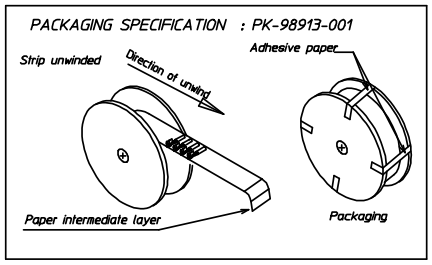
Description	Product #
FineAdjust™ Applicator	0638689000
Extraction Tool	0638132400
HAND CRIMP TOOL	0638119200

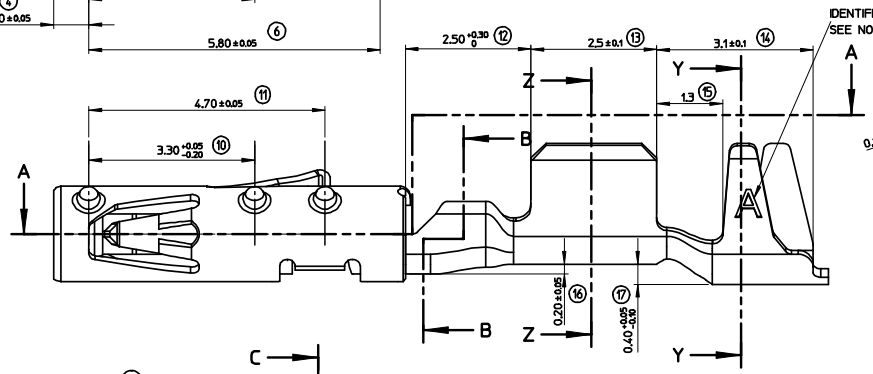
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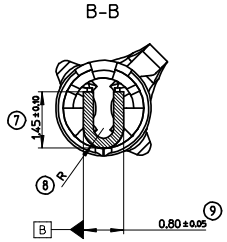
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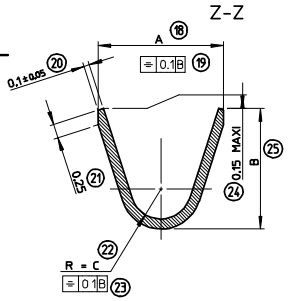


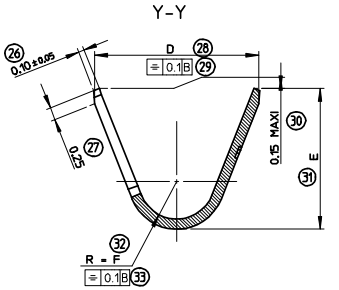


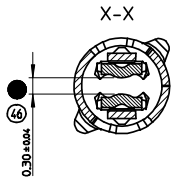


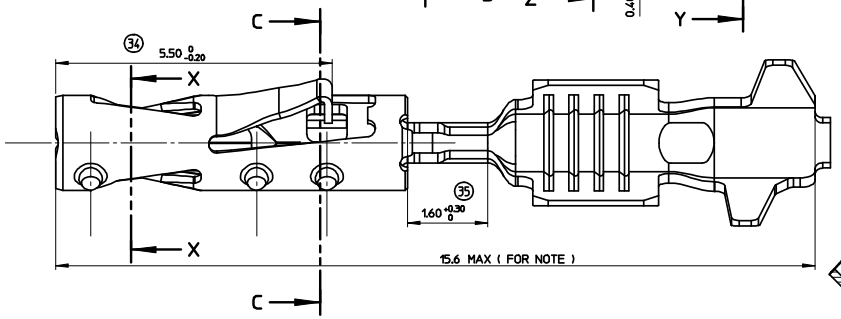


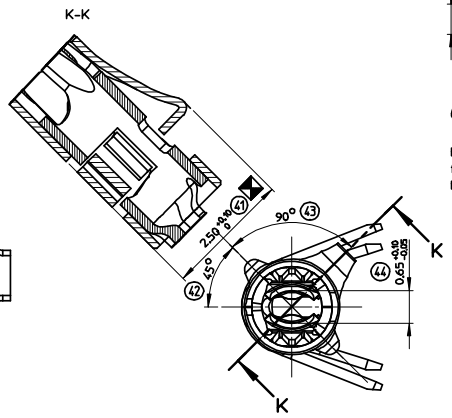


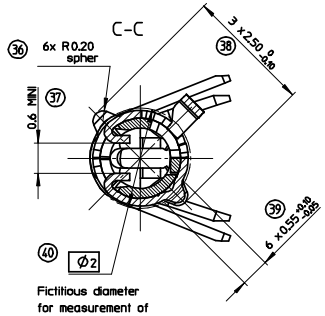


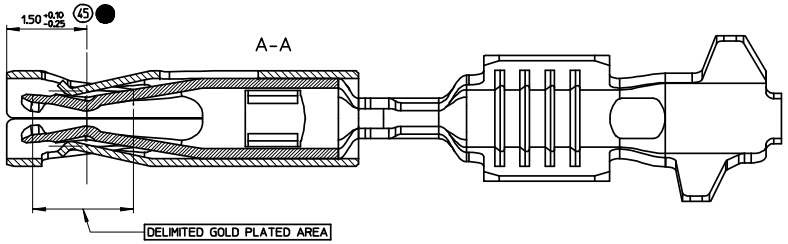












NOTE :
- MARKING "A" is used to identify "STANDARD" terminal
- CRIMPING SPECIFICATION ACCORDING TO CS-64322-001

2	BOX TERMINAL	STAINLESS STEEL thickness=0.15 mm
1	BODY TERMINAL	hight conductivity copper alloy thickness=0.2 mm
MARK	DESIGNATION	MATERIAL

PART NUMBER	CONTACT AREA	CRIMPING AREA	UNDERLAYER	CRIMPING RANGE (mm2)	A±0.2	B±0.2	rC +0.15 -0.1	D±0.2	E±0.2	rF±0.1	WEIGHT (g)
	PLATING										
0643221029	Sn	Sn		0.75	2.5	2.4	0.6	3.3	2.8	0.75	0.119
0643221219	Au 1.27µ MINI	Sn	Ni								
0643221039	Sn	Sn		0.50	2.3	2.2	0.6	3.1	2.6	0.75	0.117
0643221239	Au 1.27µ MINI	Sn	Ni								
0643221019	Sn	Sn		0.22 TO 0.44	2.0	1.7	0.6	3.1	2.6	0.75	0.112
0643221229	Au 1.27µ MINI	Sn	Ni								

(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
1 0 4 (SKC) 0

REV | DESCRIPTION | DRWN | CHKD | APPR | DATE
C | Revised Dwg EC NO: G2008-0440 | J.JULOU | F.PAROLARI | L.STICKEIR | 2008/05/19

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: 20:1 | DESIGN UNITS: METRIC | FIRST ANGLE PROJECTION

		DATE
DRAWN BY	FPAROLARI	2007/09/17
CHECKED BY	JDUCLOS	2007/09/17
APPROVED BY	LSTICKEIR	2007/09/17

TITLE: CP RCPT TRM 0.6

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART | DOCUMENT NO.: SD-64322-001 | SHEET NO.: 1 OF 1

SIZE A1

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