

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0643221029

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 0.75mm²

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. Current 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	1.60mm-1.90mm
Wire Size AWG	N/A
Wire Size mm²	0.75
Electrical	
Current - Maximum per Contact	6A
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Application Specification	AS-64321-001, AS-98993-011
Packaging Specification	PK-98913-001
Product Specification	PS-64318-001, PS-64319-001, PS-64321-001
Sales Drawing	SD-64322-001



image - Reference only

Series

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](#)

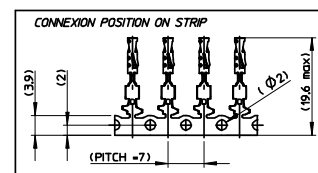
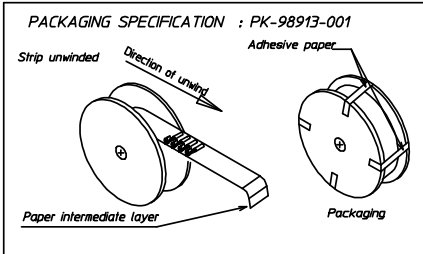
Use With
CMC Connector [64318](#) , [64319](#) , [64320](#) , [64321](#)

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.

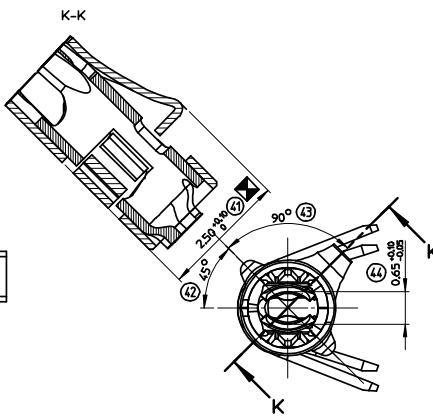
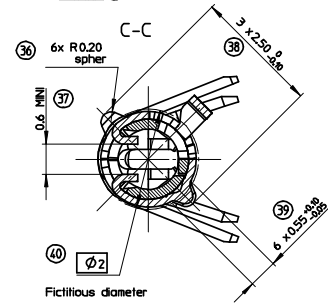
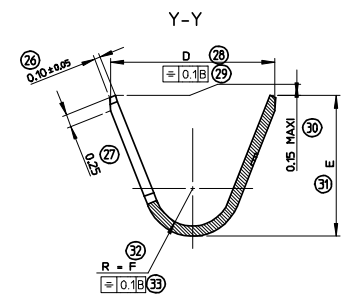
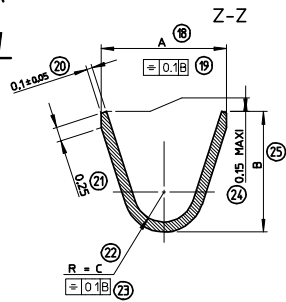
Global	
Description	Product #
FineAdjust™ Applicator	0638689100
Extraction Tool	0638132400
HAND CRIMP TOOL	0638119200

This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

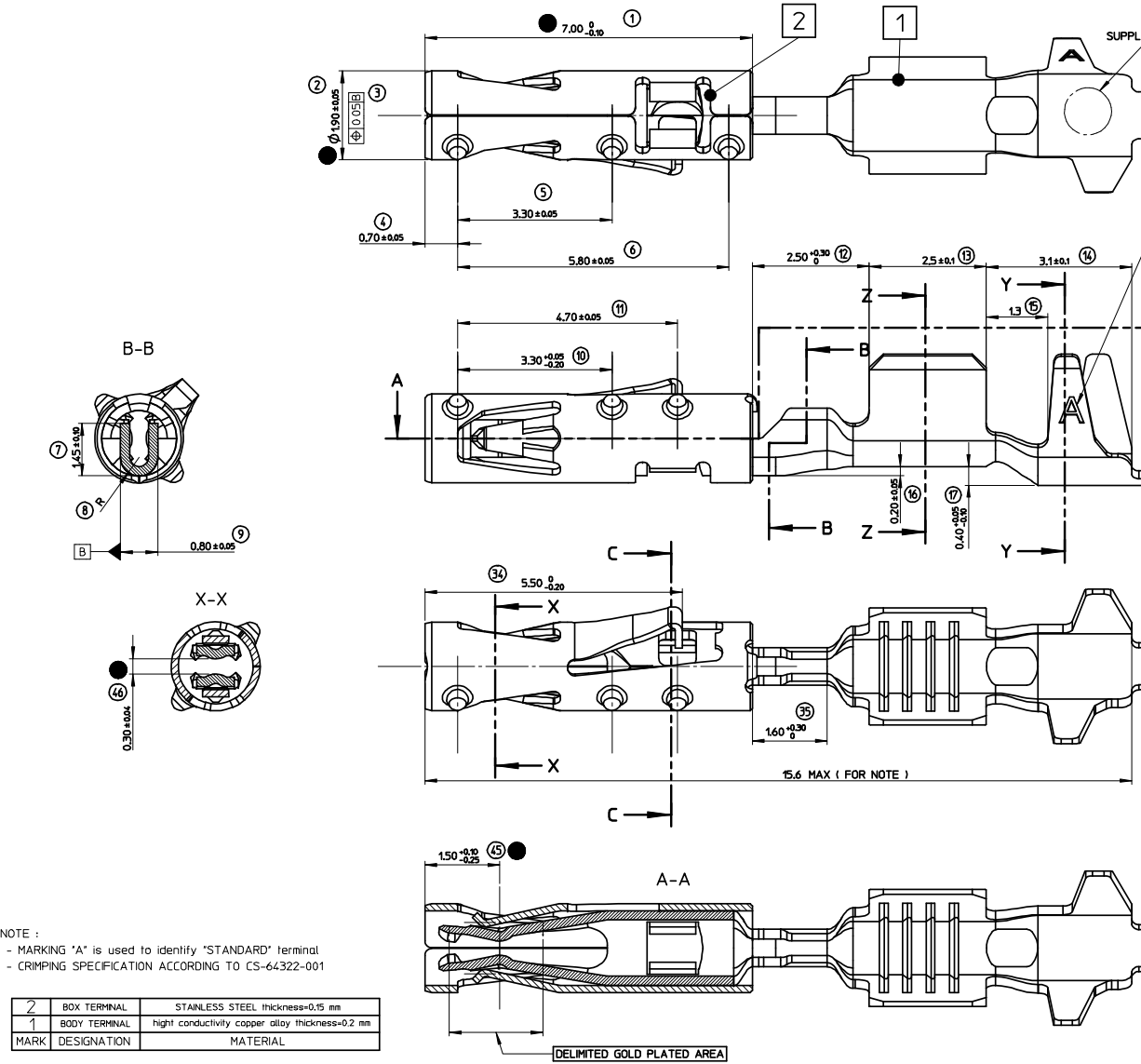


IDENTIFICATION MARKING
SEE NOTE 1



**(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



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	high conductivity copper alloy thickness=0.2 mm
MARK	DESIGNATION	MATERIAL

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								
PART NUMBER	CONTACT AREA	CRIMPING AREA	UNDERLAYER	CRIMPING RANGE (mm2)	A±0.2	B±0.2	rC ±0.15 rC -0.1	D±0.2	E±0.2	rF±0.1	WEIGHT (g)

Revised Dwg
EC NO: GZ008-0440
DRAWN BY: JALOU
CHKD BY: JALOU
APPROVED BY: JALOU
DATE: 2008/05/19
DATE: 2008/05/19
DATE: 2008/05/19

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.10	± 0.004
3 PLACES	± 0.15	± 0.005
2 PLACES	± 0.20	± 0.008
1 PLACE	± 0.25	± 0.010

ANGULAR ± 2°

**DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS**

**DIMENSION STYLE
MM ONLY**

DRAWN BY: FPAROLARI
CHECKED BY: JDUCLIOS
APPROVED BY: LSTICKEIR
DATE: 2007/09/17
DATE: 2007/09/17
DATE: 2007/09/17

**SCALE
20:1**

**DESIGN UNITS
METRIC**

**FIRST ANGLE
PROJECTION**

**TITLE
CP RCPT TRM 0.6**

MOLEX INCORPORATED

SD-64322-001

**SHEET NO.
1 OF 1**