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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

Series

Comments

Crimp Terminals

64322

* 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

Overview

Product Name

Yes

[cmc_connectors](#)

CMC, CP Terminal

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

20

Female

Phosphor Bronze

Tin

Tin

Reel

1.5, 3

Crimp or Compression

1.60mm-1.90mm

N/A

0.75

Electrical

Current - Maximum per Contact

Voltage - Maximum

6A

250V AC

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

AS-64321-001, AS-98993-011

PK-98913-001

PS-64318-001, PS-64319-001, PS-64321-001

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](#)

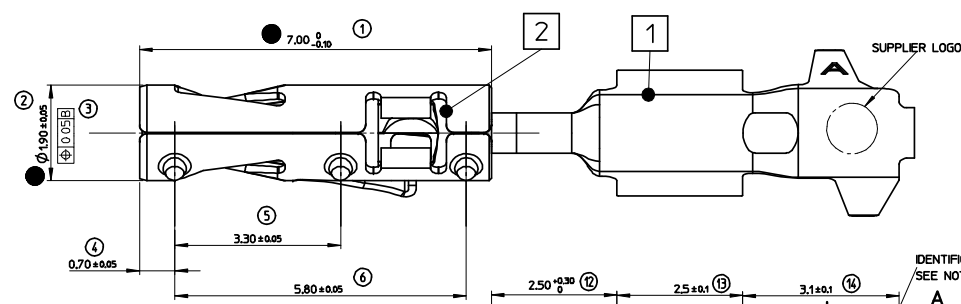
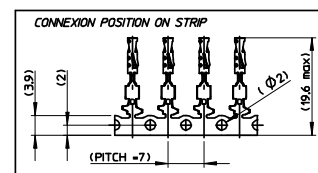
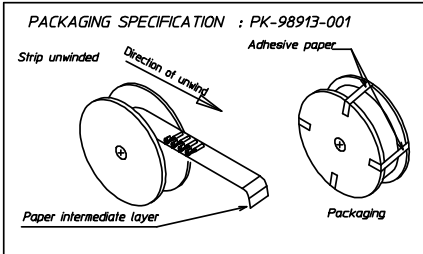
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

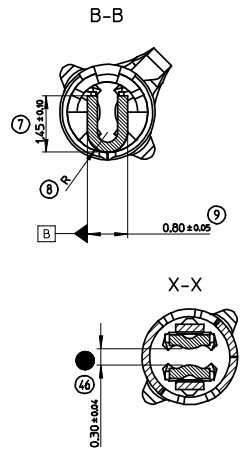
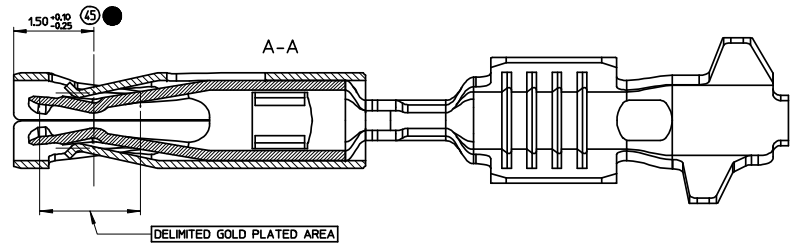
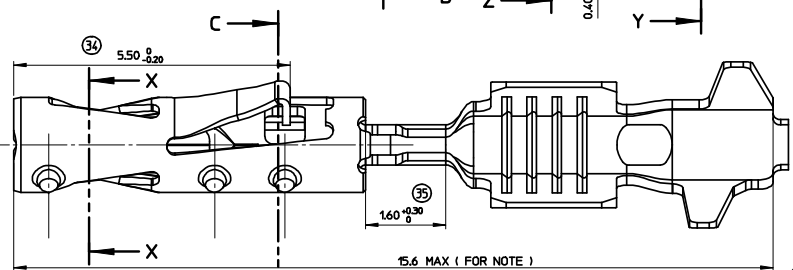
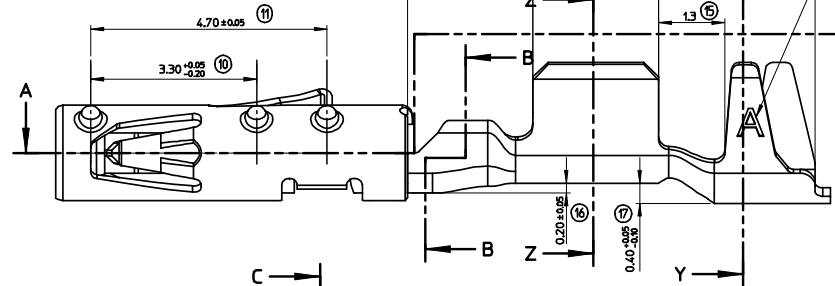
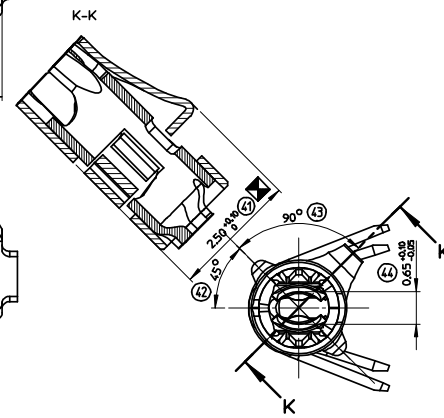
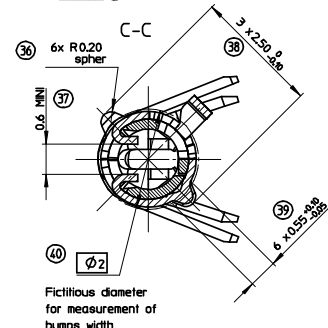
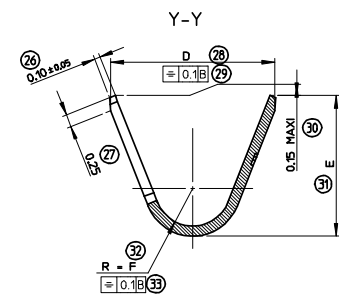
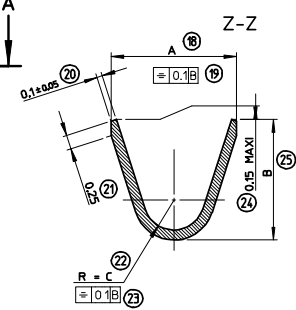
Description	Product #
FineAdjust™ Applicator	0638689100
Extraction Tool	0638132400
HAND CRIMP TOOL	0638119200

This document was generated on 06/07/2010

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IDENTIFICATION MARKING
SEE NOTE 1



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 -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: LSTICKEIR

2008/05/19
2008/05/19
2008/05/19

DESCRIPTION

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

MATERIAL NO.

SEE CHART

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SCALE: 20:1

DESIGN UNITS: METRIC

FIRST ANGLE PROJECTION

TITLE: CP RCPT TRM 0.6

MOLEX INCORPORATED

QUANTITE PAR FEUILLE INDIVIDUELLE: 1

QUANTITY PER INDIVIDUAL SHEET: 1 OF 1

SHEET NO. 1 OF 1