

**Plating:**

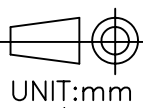
- (YY) = FG = gold flash (standard)
- (YY) = G1 = gold 0.12 $\mu$ m
- (YY) = G2 = gold 0.25 $\mu$ m
- (YY) = G3 = gold 0.50 $\mu$ m
- (YY) = G4 = gold 0.75 $\mu$ m
- (YY) = TF = pure tin flash
- (YY) = T1 = pure tin 5 $\mu$ m
- (YY) = FS = selective gold flash
- (YY) = S1 = selective gold 0.12 $\mu$ m
- (YY) = S2 = selective gold 0.25 $\mu$ m
- (YY) = S3 = selective gold 0.50 $\mu$ m
- (YY) = S4 = selective gold 0.75 $\mu$ m

Put the desired dimensions for A, B, C and D in mm unit

If omitted, the standard is Type A

(XX) = N = number of contacts between 02 and 40

CM-127-S-1x (XX) -2- (YY) - A/B/C/D - Type X



**ELECTRICAL PROPERTIES**

Current rate: 1 Ampère  
 Insulation resistance: 5000M $\Omega$  min.  
 Contact resistance: 10m $\Omega$  max.  
 Dielectric Voltage: 500V AC for 1 minute

**MECHANICAL PROPERTIES**

Operating temperature: -40°C + +105°C  
 Peak temperature: 160° for 5+10 sec

**INSULATOR HEIGHT AVAILABILITY (C)**

1.0mm	C=1.5	pin $\varnothing 0.40$
1.5mm	C=2.0	pin $\varnothing 0.40$
1.7mm	C=2.2	pin $\varnothing 0.46$
2.5mm	C=3.0	pin $\varnothing 0.40$
2.5mm	C=3.0B	pin $\varnothing 0.46$

INDEX	DATE	MODIFICATION OCCURRED
-	-	-

**TOLERANCES FOR FREE DIMENSIONS**

ANGULAR VALUES	FROM 0.5 TO 3.0	FROM >3.0 TO 6.0	FROM >6.0 TO 10.0	FROM >10.0 TO 18.0	FROM >18.0 TO 30.0	FROM >30.0 TO 50.0	FROM >50.0 TO 80.0	FROM >80.0 TO 120.0	FROM >120.0 TO 180.0	FROM >180.0 TO 250.0	FROM >250.0 TO 315.0
$\pm 2^\circ$	$\pm 0.125$	$\pm 0.150$	$\pm 0.180$	$\pm 0.215$	$\pm 0.260$	$\pm 0.310$	$\pm 0.370$	$\pm 0.435$	$\pm 0.500$	$\pm 0.575$	$\pm 0.650$

Material: Pin: copper alloy (standard brass)  
 Insulator: Nylon 6T (UL94V0)

Position of the first pin is identified by Type A or B  
 If "Type" is omitted the default standard is Type A

Standard "B" dimension: 5.00mm

Notes: Standard "C" dimension: see "insul. height avail."

VISA Scale

Date of creation

10-03-06

Designer  
 Chiappini R.

Part number: CM-127-S-1x (XX) -2- (YY) - A/B/C/D - Type X

Drawing number: \_\_\_\_\_  
 Index: \_\_\_\_\_  
 File: \_\_\_\_\_

Description: SMD dual insulator, single row  
 male connector pitch 1.27mm

