

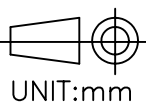
Plating:

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

(XX) = N = number of contacts between 02 and 50

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

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



ELECTRICAL PROPERTIES

Current rate: 1 Ampère
 Insulation resistance: 5000Ω min.
 Contact resistance: 20mΩ 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

1.0mm	C=1.5	pin	∅0.40
1.5mm	C=2.0	pin	∅0.40
1.7mm	C=2.2	pin	∅0.40
2.0mm	C=2.5	pin	∅0.40
2.5mm	C=3.0	pin	∅0.40

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
±2°	±0.125	±0.150	±0.180	±0.215	±0.260	±0.310	±0.370	±0.435	±0.500	±0.575	±0.650

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

Standard "B" dimension: 5.50mm
 Standard "C" dimension: see "insulator height available"
 Notes: C=1.5 ; C=2.0 ; C=2.2 ; C=2.5 ; C=3.0

VISA Scale

Date of creation
 16-02-06

Designer
 Chiappini R.

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

Drawing number: _____
 Index: _____
 File: _____

Description
 Double row SMD
 male connector pitch 1.27mm

