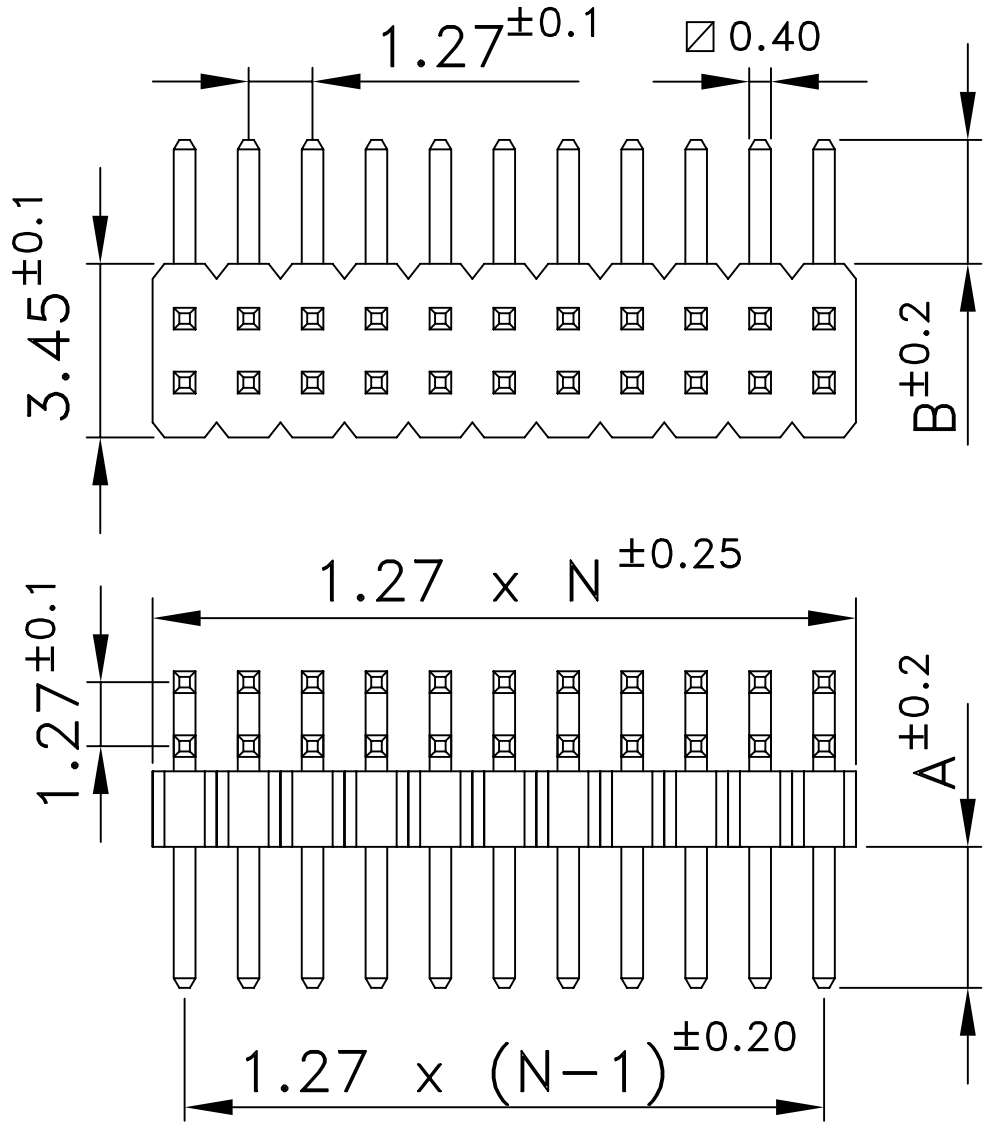


QUESTO DISEGNO È DI PROPRIETÀ DELLA DITTA FIORTECH E NON PUÒ ESSERE USATO, E/O CEDUTO A TERZI SENZA IL PERMESSO SCRITTO DELLA FIORTECH
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CM-127-P-2x (XX) -1- (YY) - A/B/C

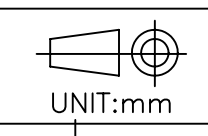
(XX) = N = number of contacts between 02 and 50

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



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



ELECTRICAL PROPERTIES

Current rate: 1 Ampère
 Insulation resistance: 5000MΩ min.
 Contact resistance: 10mΩ max.
 Dielectric Voltage: 500V AC for 1 minute

MECHANICAL PROPERTIES

Operating temperature: -40°C ± +105°C
 Peak temperature: 160° for 5+10 sec
 PCB recommended holes: ø0.65mm

INSULATOR HEIGHT AVAILABILITY (C)

1.0mm	C=1.5	pin	ø0.40
1.5mm	C=2.0	pin	ø0.40
1.7mm	C=2.2	pin	ø0.40
2.0mm	C=2.5	pin	ø0.40
2.5mm	C=3.0	pin	ø0.40

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 (standard: brass)
 Insulator: Nylon 6T (UL94V0)

Insulator height and pin section for C dimensions:

- C=1.5 (insulator height is 1.0mm and pin is ø0.40)
- C=2.0 (insulator height is 1.5mm and pin is ø0.40)
- C=2.2 (insulator height is 1.7mm and pin is ø0.40)
- C=2.5 (insulator height is 2.0mm and pin is ø0.40)
- C=3.0 (insulator height is 2.5mm and pin is ø0.40)

Notes:

VISA Scale

Date of creation: 10-03-06

Designer: Chiappini R.

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

Drawing number: _____

Index: _____

File: _____

Description: Double row right angle male connector pitch 1.27mm

