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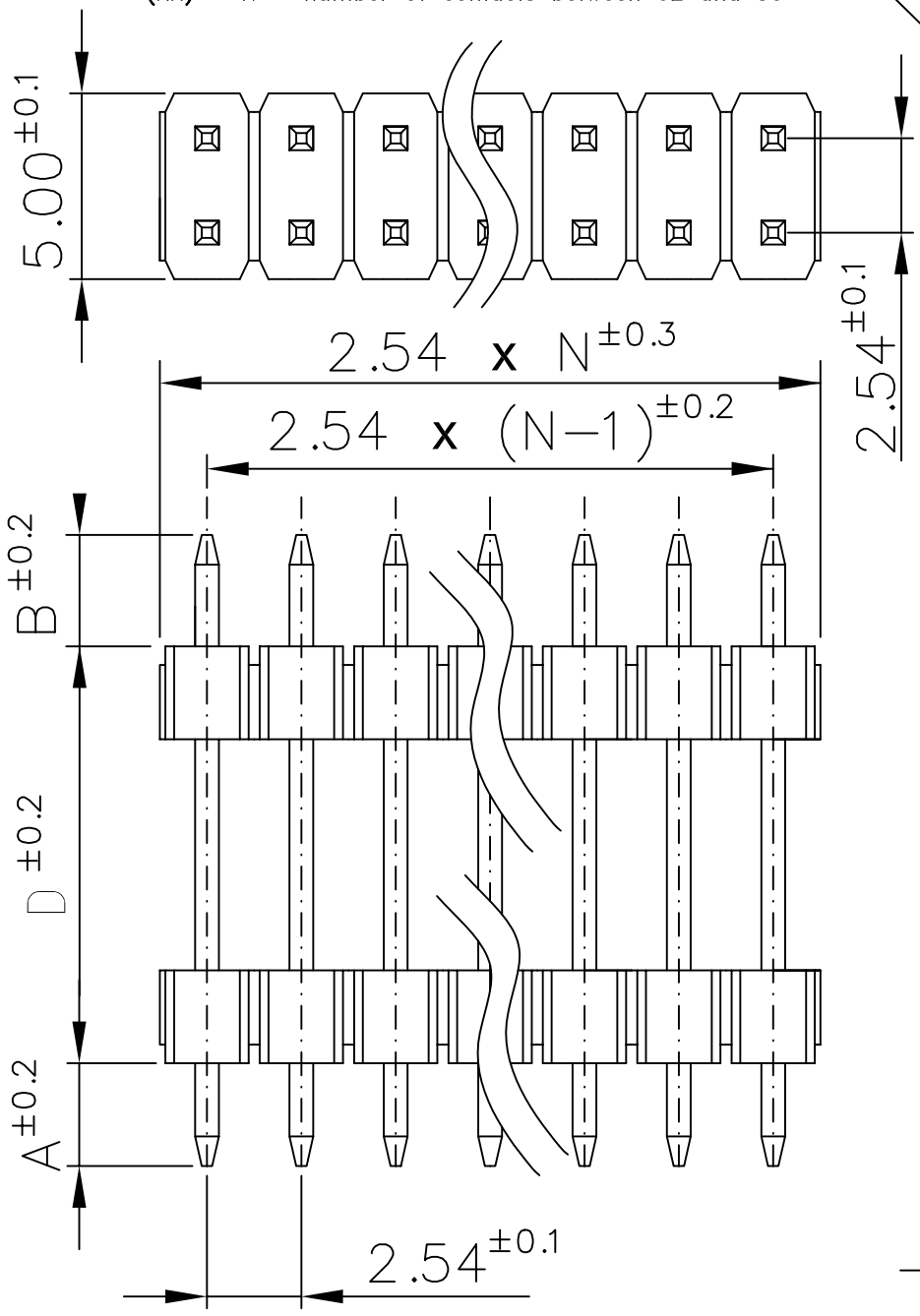
CM-254-D-2x (XX) -2- (YY) - A/B/C/D

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

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



Plating:

(YY) = FG = gold flash
(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

UNIT:mm

ELECTRICAL PROPERTIES
Current rate: 3 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: ø1.02mm

INSULATOR HEIGHT (C)
1.5mm ; 1.7mm ; 2.5mm are available.

INDEX	DATE	MODIFICATION OCCURRED	VISA
–	–	–	

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)
Plating: See table
Notes: -- / --

Scale:
Date of creation: 16-02-06
Designer: Chiappini R.

Part number: CM-254-D-2x (XX) -2- (YY) -A/B/C
Drawing number: ------
Index: ------
File: ------

Description: Double insulator, double row straight male connector pitch 2.54mm

Fiortech

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