



Plating:

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

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

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

CM-254-P-1x (XX) -1- (YY) - A/B/C

 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: ∅1.02mm	INSULATOR HEIGHT 1.5mm ; 1.7mm ; 2.5mm are available. To be specified separately
-------------	---	--	--

INDEX	DATE	MODIFICATION OCCURRED	VISA Scale
TOLERANCES FOR FREE DIMENSIONS 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			Material <u>Pin: copper alloy</u> <u>Insulator: Nylon 6T (UL94V0)</u>
ANGULAR VALUES ±2°	±0.125 ±0.150 ±0.180 ±0.215 ±0.260 ±0.310 ±0.370 ±0.435 ±0.500 ±0.575 ±0.650	Plating <u>See table</u>	Date of creation <u>16-02-06</u>
Notes: ---			Designer <u>Chiappini R.</u>

Part number: CM-254-P-1x (XX) -1- (YY) -A/B/C

Drawing number: _____

Index: _____

File: _____

Description: Single row right angle male connector pitch 2.54mm

