



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

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

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

CM-254-S-2x (XX) -1- (YY) - A/B/C

	ELECTRICAL PROPERTIES	MECHANICAL PROPERTIES	DIMENSIONS (see also "notes")
	Current rate: 3 Ampère Insulation resistance: 5000MΩ min. Contact resistance: 10mΩ max. Dielectric Voltage: 500V AC for 1 minute	Operating temperature: -40°C ÷ +105°C Peak temperature: 160° for 5÷10 sec PCB recommended holes: Ø1.70mm	2.3mm ; 2.5mm ; 3.3mm are available for "C" dimension Standard "B" dimension: 7.5mm

INDEX	DATE	MODIFICATION OCCURRED	VISA Scale
TOLERANCES FOR FREE DIMENSIONS			Pin: copper alloy Insulator: Nylon 6T (UL94V0)
ANGULAR VALUES ±2°	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 _____ Insulator height for C dimensions: 1.5mm when C is 2.3 1.7mm when C is 2.5 or 2.5mm when C is 3.3 Cap for pick 'n' place and tape and reel packaging available. Alignment pins available on demand	

Part number: CM-254-S-2x (XX) -1- (YY) -A/B/C

Drawing number: _____

Index: _____

File: _____

Description: Double row SMD male connector pitch 2.54mm

