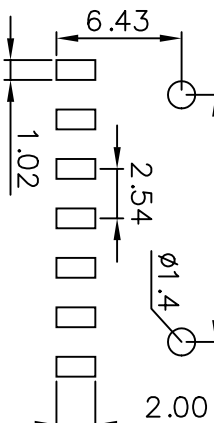


Recommended
PCB layout
(Tolerance ±0.05)



(XX) = N = number of contacts between 03 and 30

CM-254-H-1x (XX) -1- (YY) - A

Put the desired dimension
for A 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



ELECTRICAL PROPERTIES

Current rate: 3 Ampere
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

INDEX DATE

TOLERANCES FOR FREE DIMENSIONS

ANGULAR VALUES	FROM			TO		
	0.5	>3.0	>8.0	10.0	18.0	30.0
±0.125	±0.150	±0.180	±0.215	±0.260	±0.310	±0.370
						±0.435
						±0.500
						±0.575
						±0.650

MODIFICATION OCCURRED		VISA	
Material	Pin:	Scope	Date of creation
Insulator: Nylon 6T (U194V0)	Pin: copper alloy		16-02-06
Plating: See table			Designer Chiappini R.
Notes: ---			

Part number: CM-254-H-1x (XX) -1- (YY) - A

Drawing number: ---
Index: ---
File: ---

Description: ---
Single row horizontal SMD
male connector pitch 2.54mm

