



P.C.B LAYOUT

**SPECIFICATIONS**

Pin: Brass, machines CuZn38Pb2  
 Clip: Beryllium Copper, Heat Treated  
 Plating (outer sleeve): Tin Plated: 2um/80u"Ni, 5um/200u"Sn  
 Gold Plated: 2um/80u" full nickel, gold  
 Contact Plating: 2um/80u" nickel, gold or tin plating  
 Insulator Material: PBT UL94V-0, Black  
 Current Rating: 3 Amps  
 Contact Resistance: ≤4mΩ  
 Insulation Resistance: ≥ 1000MΩ at V=100V  
 Operating Voltage: 60V AC/DC  
 Insertion Force: <250g  
 Withdrawal Force: >50g  
 Life Cycle: 200  
 Operating Temp: Gold Plated: -55°C to +105°C  
 Tin Plated: -40°C to +105°C  
 Soldering Temp: +260°C, 10s max

Dimensions			
Pins	A	B	Type
6	7.62	8.08	Solid Body
8	10.16	7.62	
10	12.70	10.16	
14	17.78	15.24	
16	20.32	17.78	
18	22.86	20.32	
20	25.40	22.86	
24	30.48	27.94	
28	35.56	33.02	
32	40.64	38.10	
40	50.80	48.26	
48	60.96	58.42	

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	01/12/12
				Checked	Lizzy	01/12/12
				Drawn	Tina	01/12/12
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
						UNIT: mm

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Part No.: **CMC3-XX-XX-S**

Description: Solid Body, Machine Contact, 2.54mm Pitch IC Socket