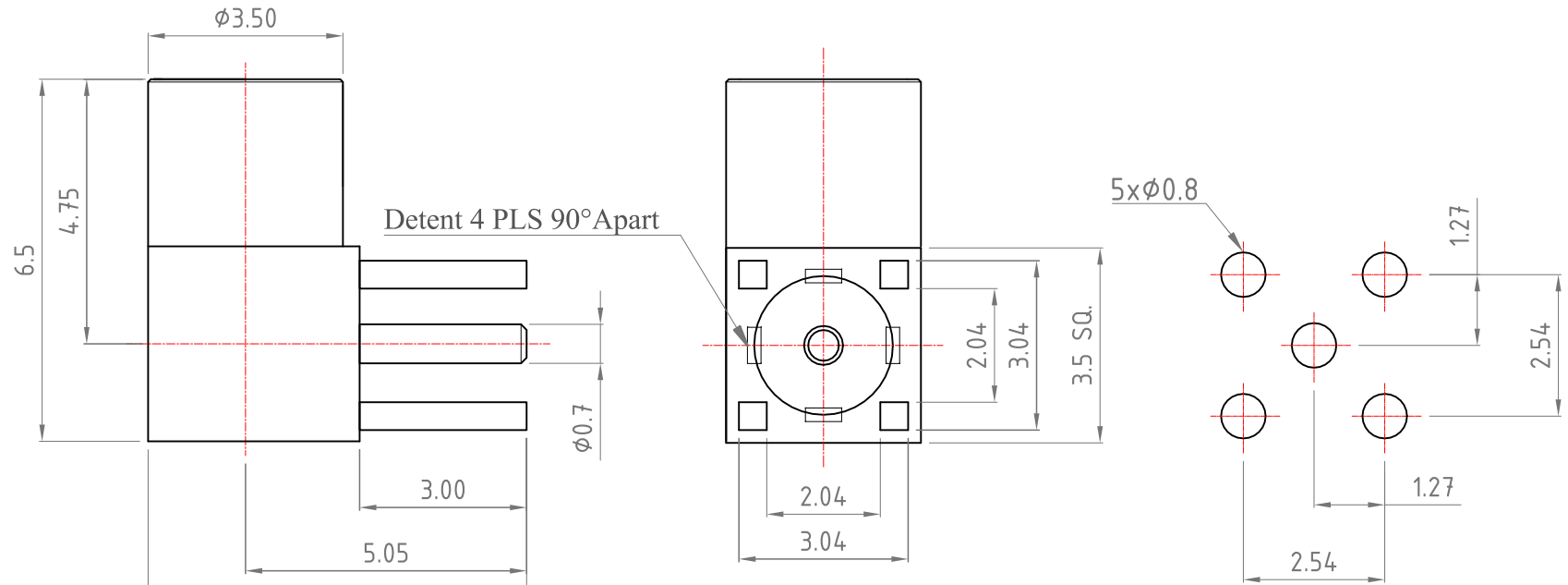


REVISIONS				DRAW	APPD	DATE
REV	ZONE	ECO#	DESCRIPTION			
A			INITIAL RELEASE	Mark	G.SUN	5/20/2019



Recommended PCB Layout

Electrical :

Impedance : 50 Ω
 Frequency Range : 0~6 GHz .
 Voltage Rating : ≤ 170 V rms. (depending on cable)
 Insulator Resistance : ≥ 1 G Ω
 Dielectric Withstanding Voltage : 500 V rms .
 Contact Resistance : Center Contact ≤ 10 m Ω .
 Outer Contact ≤ 5 m Ω .

Mechanical :

Mating : Snap-on Coupling.
 Engagement Force : ≤ 3.4 lbs
 Disengagement Force : 1.4 lbs ~ 3.4 lbs

Environmental :

Temperature Range : -55°C to 155°C
 Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. B
 Thermal Shock : MIL-STD-202, Method 107, Cond. F
 Mechanical : MIL-STD-202, Method 213, Cond. B
 Vibration : MIL-STD-202, Method 204, Cond. C

Notes :

- All Metal Materials Are in Compliance with RoHS 2 Directive 2011/65/EU Annex III Section 6 Paragraph.

Finish [Unit of Plating Thickness Is in Micro Inch(μ)]

- Nickel Plating Thk. : 80 μ "min. (Under Plating)
- Gold Plating Thk. : 30 μ "min. (Over Finish 1)
- Gold Plating Thk. : 2 μ "max. (Over Finish 1)

ITEM	NAME	DESCRIPTION	QTY	UNIT
A	Body	Brass ; Finish 1/3	1	
B	Insulator	PTFE ; None	1	
C	Inner Contact	BeCu ; Finish 1/2	1	

TITLE		PART NUMBER		DRAWING NUMBER	
MMCX R/A Jack, PCB Mount Type		IPRF-MM-J11A0G29		2180 Hornig Road, Philadelphia, PA 19166	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES					
TOLERANCE EXCEPT AS NOTED:					
ANGULAR \pm X° DECIMAL .XX \pm .1					
DECIMAL .X \pm .2 DECIMAL .XXX \pm .05					
THIRD ANGLE PROJECTION		DATE		REV	
A		G.SUN 5/20/2019		A	
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