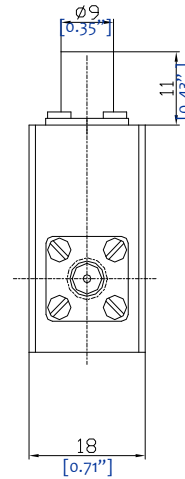
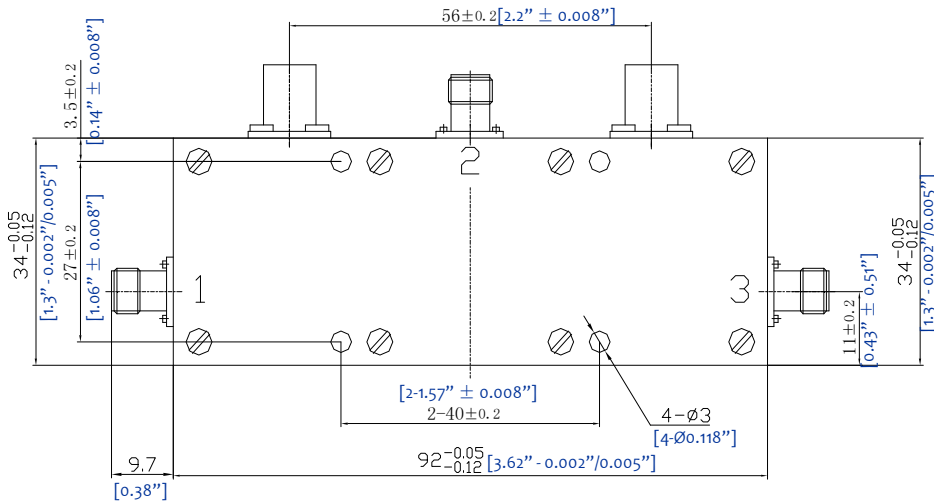



TRIPLE JUNCTIONS CIRCULATOR--- RFLC407G4G8



No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	4	-	8	GHz
2	Isolation	2--> 1	36	-	dB
		3--> 2	36		dB
		3--> 1	36		dB
		1--> 3	18		dB
3	Insertion Loss	1--> 2	-	0.8	dB
		2--> 3		0.8	dB
4	VSWR	-		1.3	-
5	Forward Power	-	10		W CW
	Reverse Power		1		W CW
6	Operating	-20	-	+70	°C
7	Impedance	-	50	-	Ω
8	Finish	Nickel Plated			

1.0	Mechanical Specifications	
1.1	Connector	SMA (N-option)
1.2	External Finish	Conductive no paint
1.3	Rotation	P1 → P2 → P3

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-40°C~+100°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

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	RF-LAMBDA	RFPC
	CAD MODEL REVISION	08
	ASSEMBLY REVISION	VSS1
 RFLC407G4G8 TRIPLE JUNCTIONS CIRCULATOR	ASSEMBLY NAME	RFLVR17
	DRAWING NUMBER	D05-1
www.rflambda.com	SIZE	SHEETS
RF-LAMBDA	LT	1 OF 1