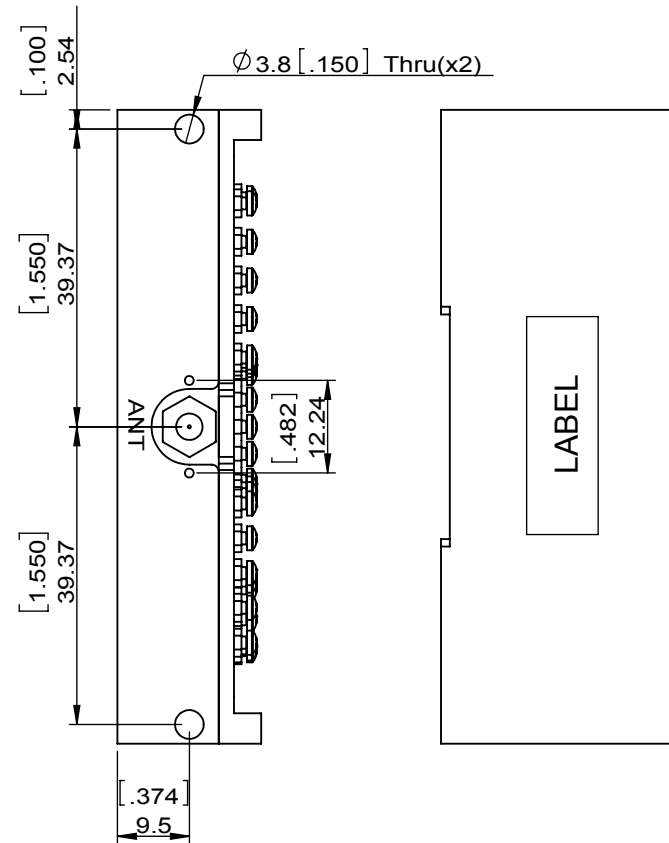
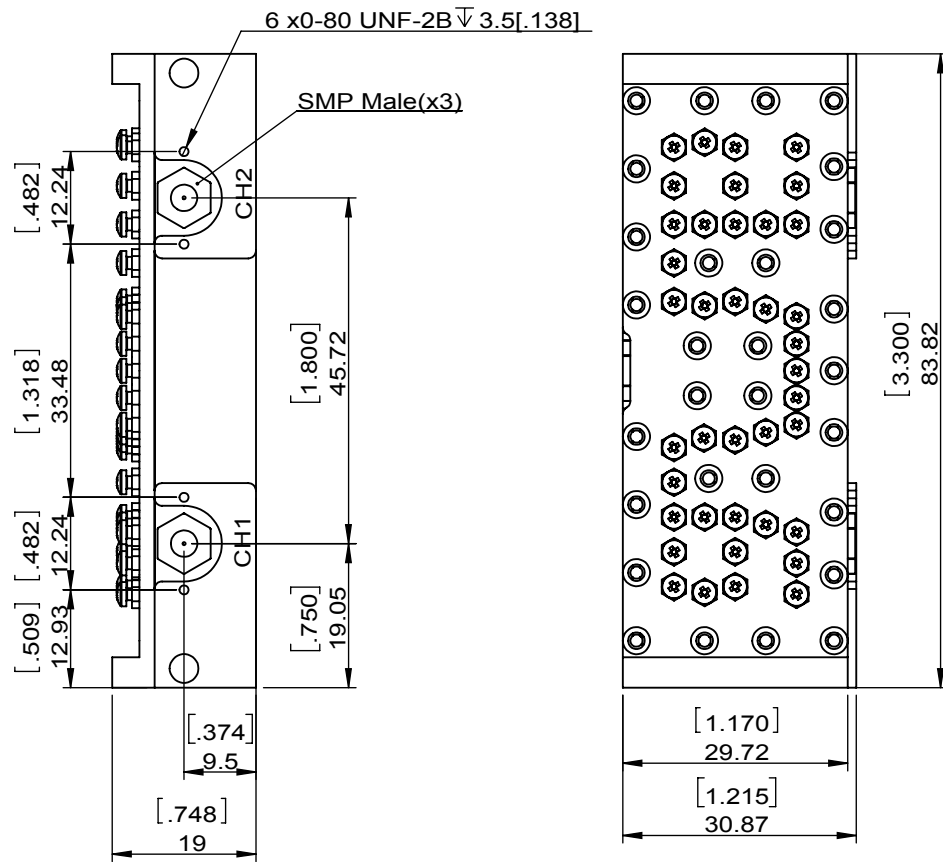


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Document No.	QR4-700-T-003	REV.	A/0	REV.	DESCRIPTION	REVISOR	DATE	APPROVED			
		0		YL.Chen	12.19.2019	HC.Qiu					



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<b>JQL</b> JQL Electronic Inc				
<b>MATERIAL:</b>		<b>DWG NO:</b>		
		JFCD14K4T15K4SMP		
<b>SURFACE TREATMENT:</b>		DWG BY:	YL.Chen	12.19.2019
Silver Plating		CHK'D BY:		SCALE
<b>DESCRIPTION:</b>		APPV'D BY:		1:1
Diplexer		Unit:	Tolerance:	The First:
		mm[inch]	Liner: $\pm 0.25$	
			Anguar: $\pm 0.5^\circ$	A4

1		2		3		4		5		6	
Document No.	QR4-700-T-003					REV.	DESCRIPTION	REVISOR	DATE	APPROVED	
REV.	A/0					0		YL.Chen	12.19.2019	HC.Qiu	

ITEM	SPECIFICATION	
	Channel 1	Channel 2
Pass Band(GHz)	14.4~14.83	15.15~15.35
Insertion Loss(dB)	1.5 Max	
Return Loss(dB)	14 Min	
In Band Ripple(dB)	0.6 p.t.p Max	
Group Delay Variation(ns)	1.5 p.t.p Max(Within any 100MHz band)	
Rejection(dBc)	15 Min@14.99GHz 30 Min@13.0~14.0GHz 60 Min@15.15~15.35GHz	15 Min@14.99GHz 30 Min@16.0~16.5GHz 60 Min@14.4~14.83GHz
Impedance(Ω)	50	
Power Handling(W)	25 Max@50000 Feet	
Vibration Operational(Grms) Vibration Endurance(Grms)	8(10~2000Hz) 18(10~2000Hz)	
Shock(G)	20G 11msec saw tooth	
Temperature Range(°C)	-40~+85	
Connector	SMP Male	
Environmental	Operational mode -95% relative humidity Non operational mode -95% Relative humidity Long storage -60% relative humidity	

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				A4



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