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Document No.	QR4-700-T-003					REV.	DESCRIPTION	REVISOR	DATE	APPROVED	
REV.	A/0					0		LJ.Zhang	07.04.2014	David	

A

A

B

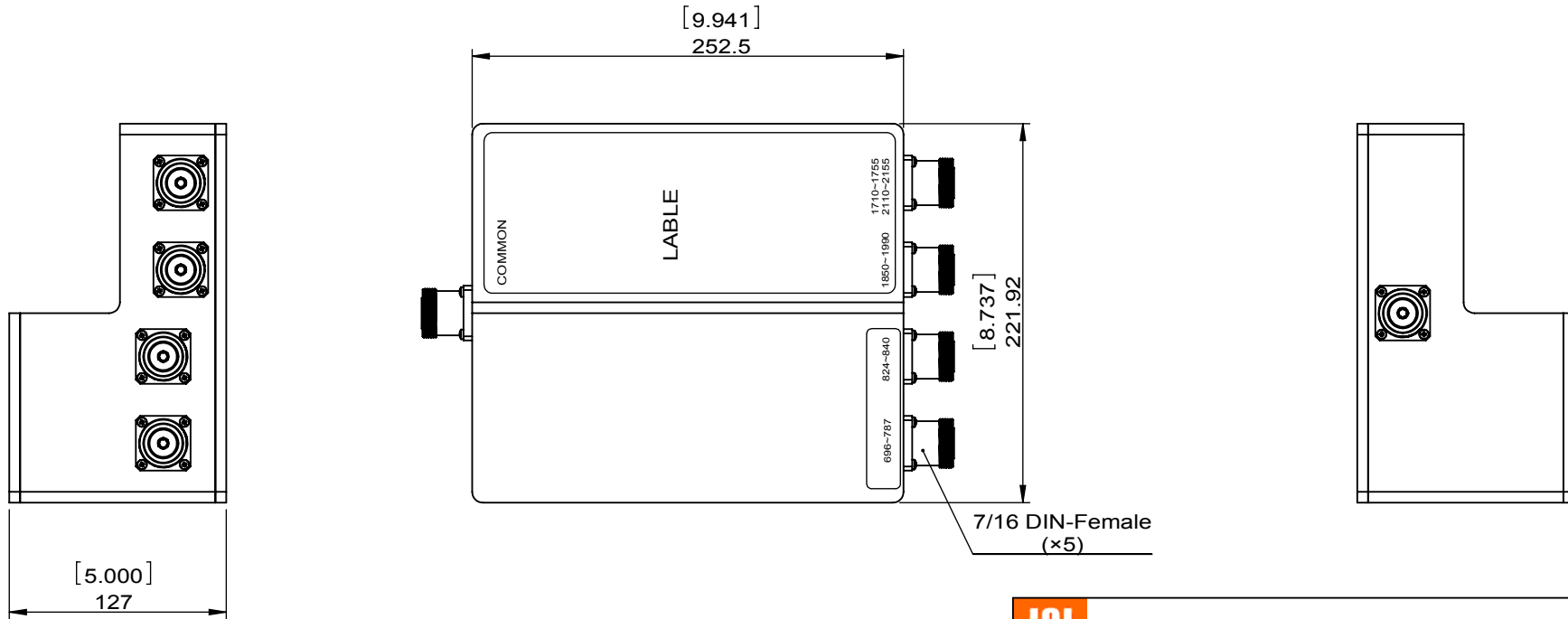
B

C

C

D

D



JQL JQL Electronic Inc

MATERIAL:
DWG NO: JFCQ0698T2155DF

SURFACE TREATMENT:
 SLIVER PLATED

DWG BY:	LJ.Zhang	07.04.2014	SCALE
CHK'D BY:			
APPV'D BY:			1:4

DESCRIPTION:
 COMBINER

Unit:	Tolerance:	The First:
mm[inch]	Liner: ±0.25 Anguar: ±0.5°	
		A4



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Document No.	QR4-700-T-003					REV.	DESCRIPTION	REVISOR	DATE	APPROVED	
REV.	A/0					0		LJ.Zhang	07.04.2014	David	
ITEM		SPECIFICATONS		ITEM		SPECIFICATONS					
A		AWS Port to Common Port:		CELL Port to Common Port:							
Passband Frequency(MHz)		1710~1755 and 2110 ~2155		Passband Frequency(MHz)		824~894					
Insertion Loss(dB)		0.55 Typ 0.7 Max.		Insertion Loss(dB)		0.3 Typ 0.4 Max.					
Return Loss(dB)		20.0 Min.		Return Loss(dB)		20 Min.					
Rejection(dB)		70 Min. @698~894 MHz 70 Min. @1850~1990 MHz		Rejection(dB)		40 Min. @698~787 MHz 70 Min. @1710~2155 MHz					
DC/ AISG Pass from AWS to Common Port				PIM(dBc)		153 Min @ 2x43dBm.					
B		PCS Port to Common Port:		Power(W)		250 CW Max					
Passband Frequency(MHz)		1850~1990		Operating temperature(°C)		-40~+85					
Insertion Loss(dB)		0.5 Typ 0.65 Max.									
Return Loss(dB)		20.0 Min.									
Rejection(dB)		50 Min. @698~894 MHz 60 Min. @1710~1755 MHz 70 Min. @2110~2155 MHz									
C		LTE Port to Common Port:									
Passband Frequency(MHz)		698~787									
Insertion Loss(dB)		0.3 Typ 0.4 Max.									
Return Loss(dB)		20 Min.									
Rejection(dB)		50 Min. @824~894 MHz 70 Min. @1710~2155 MHz									
D											

JQL JQL Electronic Inc				
MATERIAL:		DWG NO: JFCQ0698T2155DF		
SURFACE TREATMENT: SLIVER PLATED		DWG BY:	LJ.Zhang	07.04.2014
DESCRIPTION: COMBINER		CHK'D BY:		SCALE
		APPV'D BY:		3:1
		Unit: mm[inch]	Tolerance: Liner: ±0.25 Anguar: ±0.5°	The First: 
				A4



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