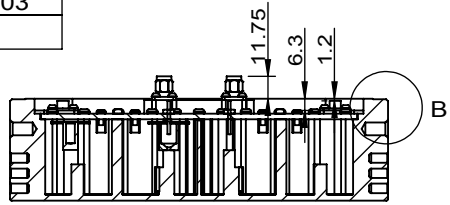
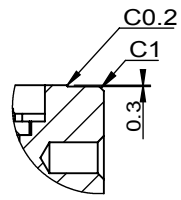


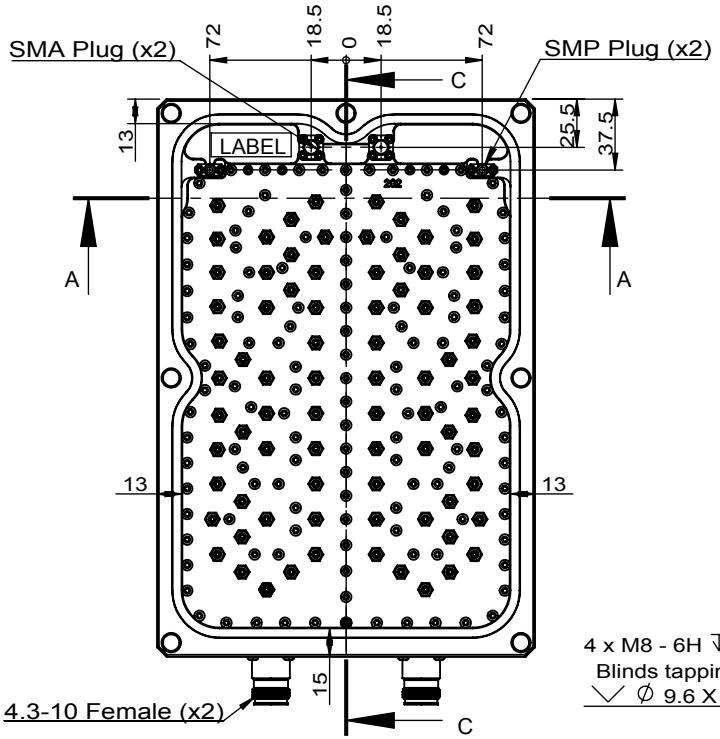
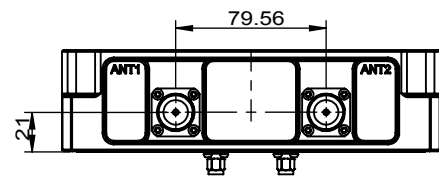
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Document No.	QR4-700-T-003					REV.	DESCRIPTION	REVISER	DATE	APPROVED	
REV.	A/0					0		YL.Chen	10.12.2022	HC.Qiu	



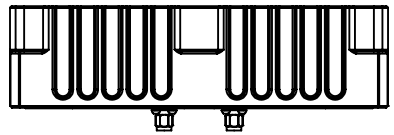
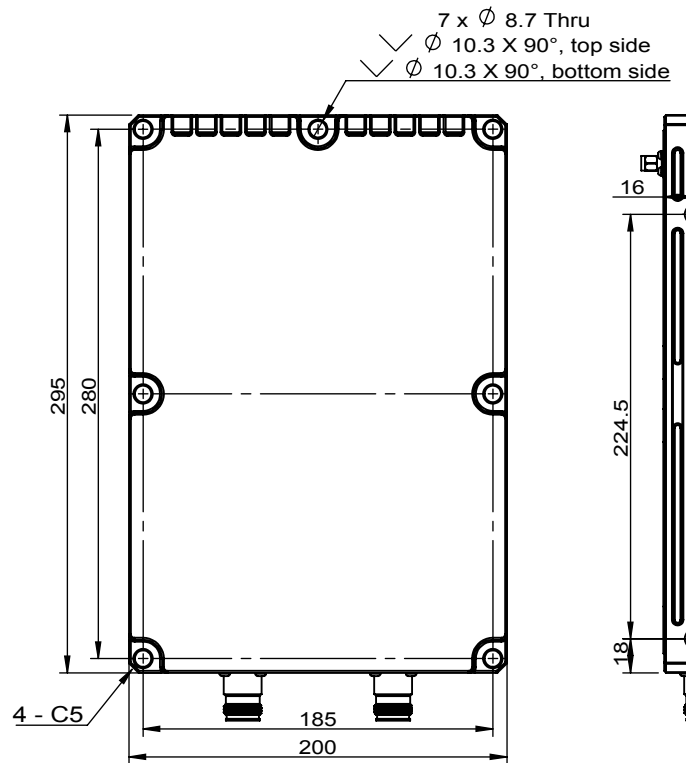
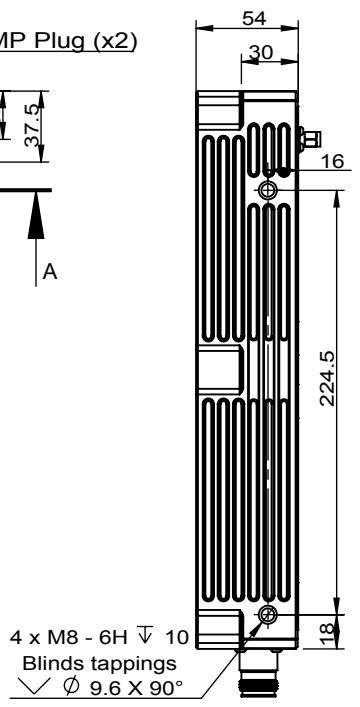
SECTION A-A
SCALE 1 : 4



DETAIL B
SCALE 3 : 5



SECTION C-C
SCALE 1 : 4




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JQL JQL Technologies Corporation

MATERIAL:	DWG NO: CMH000202-C			
	SURFACE TREATMENT: Painted RAL9010			
DESCRIPTION: Duplexer	DWG BY:	YL.Chen	10.12.2022	SCALE
	CHK'D BY:			1:4
APPV'D BY:			A4	
Unit: mm	Tolerance: Liner: ±0.25 Anguar: ±0.5°	The First:		

1		2		3		4		5		6	
Document No.	QR4-700-T-003					REV.	DESCRIPTION	REVISER	DATE	APPROVED	
REV.	A/0					0		YL.Chen	10.12.2022	HC.Qiu	

ITEM	SPECIFICATIONS	
	LOW(TX)	HIGH(RX)
Frequency(MHz)	791~821	832~862
Insertion Loss(dB)	1.7 Max	
Ripple(dB)	1.1 Max	
Return Loss(dB)	20 Min	
Isolation(dB)	110Min@832~862MHz	80 Min@791~821MHz
Attenuation(dB)	110 Min@832~862MHz 50 Min@746MHz 50 Min@875MHz	80 Min@791~821MHz 50 Min@787MHz 50 Min@869MHz
Impedance(Ω)	50	
Isolation(dB) (1CW tone for 791,806,821MHz @ 45dBm and check the isolation on the ANT port)	85 Min@TX1->ANT2 85 Min@TX2->ANT1	
Input Power(dBm)	46 Max ; 52 peak	
PIMD(dBc)	153 Min@2x43dBm	
IP Level	IP67	
Temperature(°C)	-40~+85	
Connector	HIGH/RX Ports : SMP Plug LOW/TX Ports : SMA Plug ANT Ports : 4.3-10 Female	
Notes		

JQL JQL Technologies Corporation				
MATERIAL:		DWG NO: CMH000202-C		
SURFACE TREATMENT: Painted RAL9010		DWG BY:	YL.Chen	10.12.2022
DESCRIPTION: Duplexer		CHK'D BY:		SCALE
		APPV'D BY:		1:4
		Unit: mm	Tolerance: Liner: ±0.25 Anguar: ±0.5°	The First: 
				A4



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