

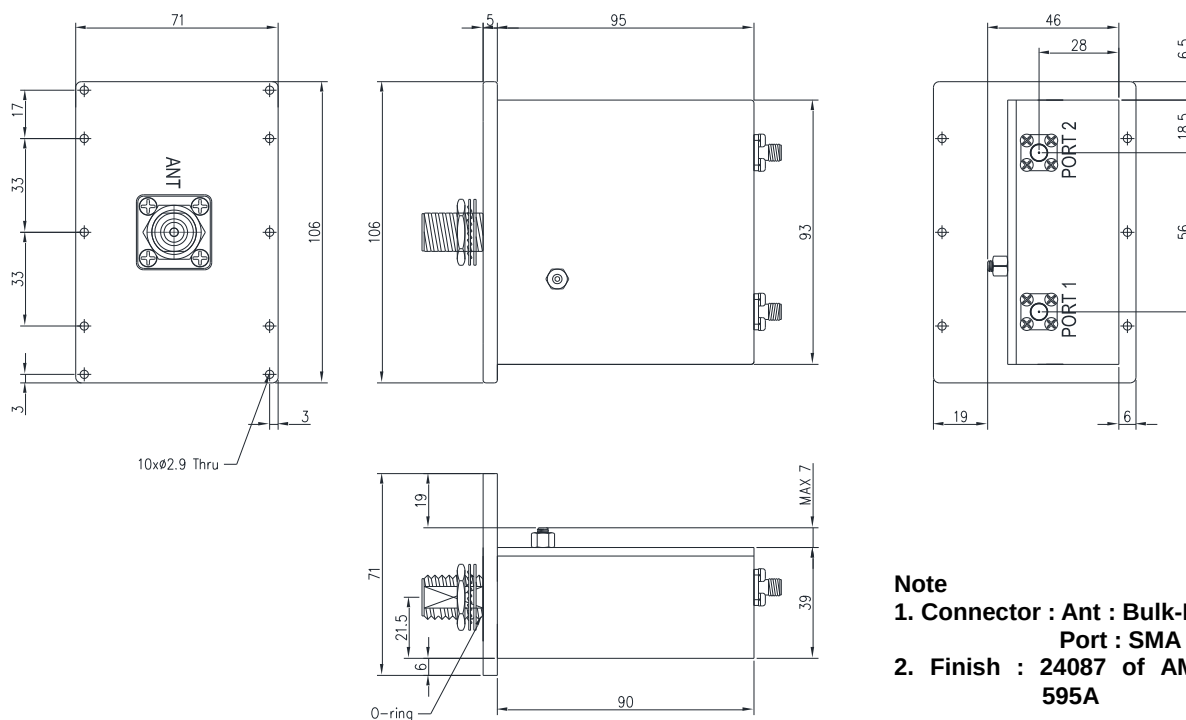
PRELIMINARY SPECIFICATION

Product Name : Band28 Cavity Diplexer
Part No : MDI-C725.5-C780.5_45_45MN-A-TP2

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First	2020.08.18	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



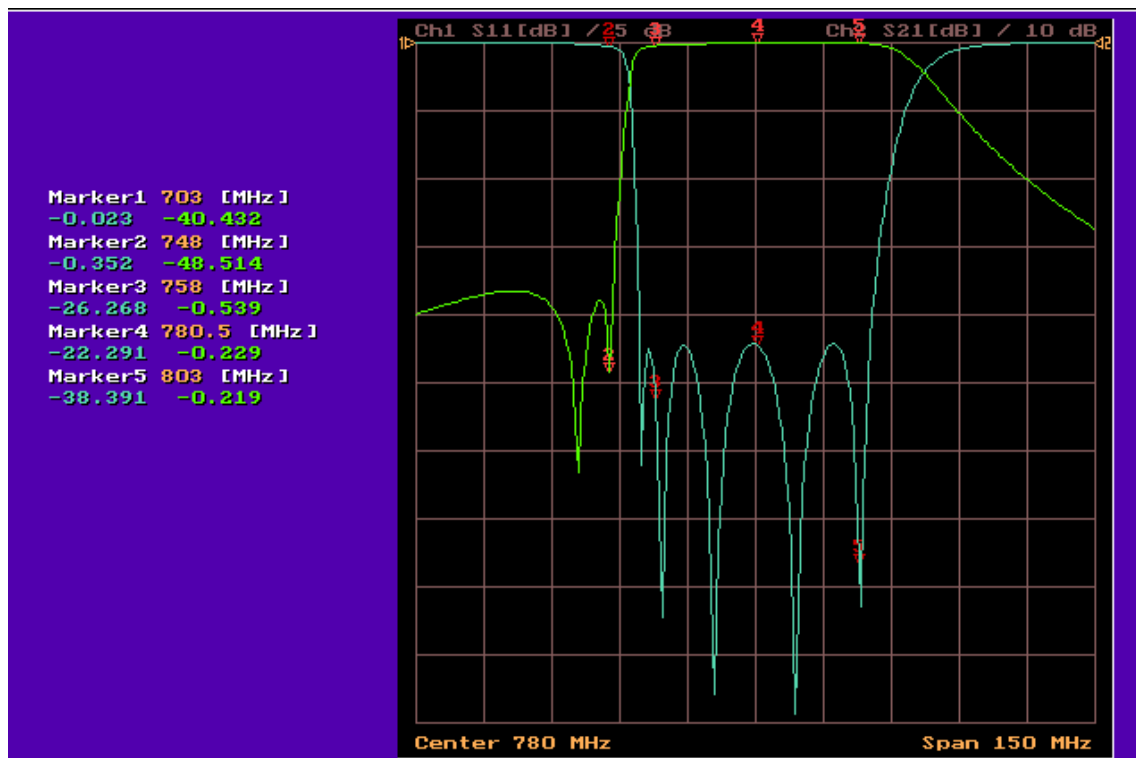
Note

1. Connector : Ant : Bulk-N
Port : SMA
2. Finish : 24087 of AMS-STD-595A

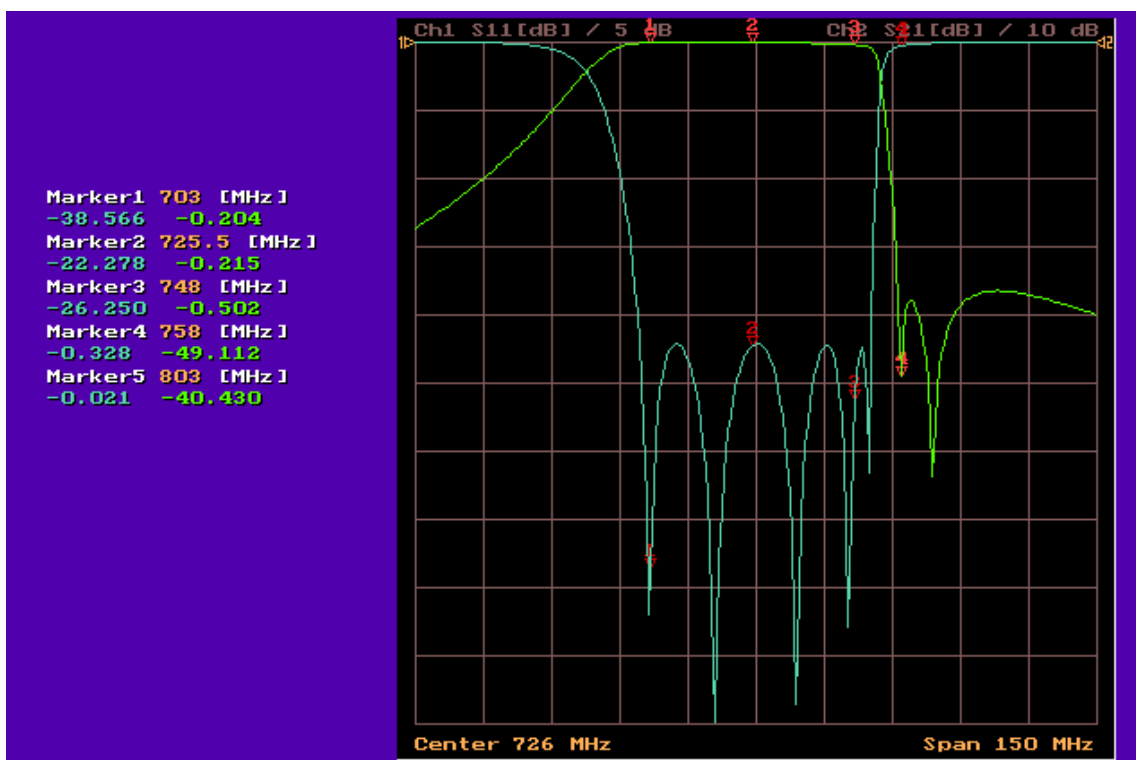
■ Electrical Specification

Parameter	Specification		Remark
1. Frequency Range	PORT1	PORT2	
	758 ~ 803MHz	703 ~ 748MHz	
2. Center Frequency	780.5MHz	725.5MHz	
3. Insertion Loss	0.6dB Max.		
4. Ripple	0.6dB Max.		
5. Return Loss	15dB Min.		
6. Isolation	35dBc Min.		
7. Size	See Mechanical Drawing		mm
8. Input RF Power	10W Avg.Max. 100W Peak		
9. Impedance	50Ω		
10. Operating Temperature	-30 + 55 °C		

■ Simulation Curve



Port-1



Port-2