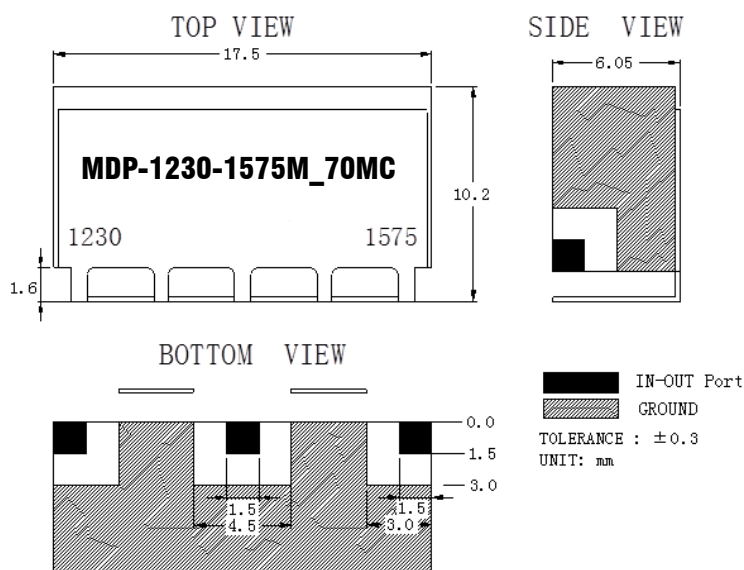


PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : CERAMIC DUPLEXER
- Part No : MDP-1230-1575M_70MC-A

PRELIMINARY SPECIFICATION

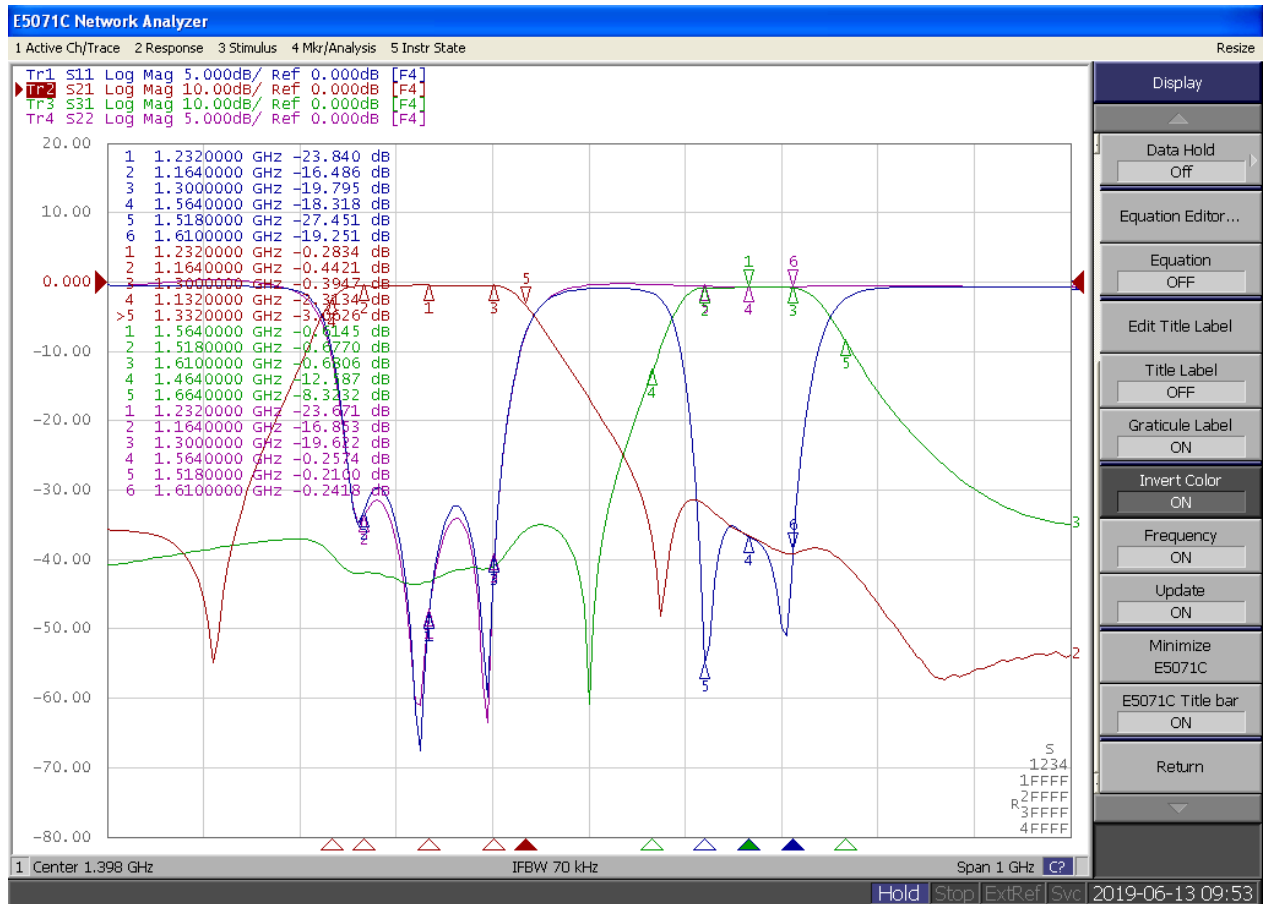


[Mechanical 2D Drawing]

■ Electrical Specification

N.o	Parameter	Low Cannel	High Channel
1	Center Frequency[fo]	1230 MHz	1575 MHz
2	Bandwidth [1dB BW]	fo $\pm$ 70MHz[1160~1300]min.	fo $\pm$ 50MHz[1525~1625]
3	Insertion Loss @ fo	0.7 dB max.	0.7 dB max.
4	Ripple in BW	0.5 dB max.	0.5 dB max.
5	Return Loss in BW	15 dB min.	15 dB min.
6	Attenuation [Absolute Value]	10 dB min.@DC~1000MHz	10 dB min.@DC~1300MHz
		10 dB min.@ 1500~2000 MHz	10 dB min.@ 1800~2000 MHz
7	In/Out Impedance	50 Ω	
8	Operation Temperature Range	-40℃ to +70℃	
9	Power	1W CW	
10	Mount Type	SMT	

■ REFERENCE CURVES



■ Marker Table

	Marker Value					
RX	960M@30dB	1000M@30dB	1160M@0.5dB	1230M@0.4dB	1300M@0.5dB	1350M@5dB
	1450M@30dB	1525M@30dB	1575M@30dB	1625M@30dB	1750M@45dB	1800M@50dB
	Marker Value					
TX	960M@30dB	1000M@30dB	1160M@30dB	1230M@35dB	1300M@35dB	1350M@30dB
	1450M@12dB	1525M@0.65dB	1575M@0.65dB	1625M@0.65dB	1750M@15dB	1800M@20dB