

DIELECTRIC DUPLEXER PRELIMINARY SPECIFICATION

Written by	Checked by	Approval

ELECTRICAL SPECIFICATIONS				
ITEM	Low >>> ANT	High <<< ANT	UNIT	
1	Center Frequency [fo]	725.5MHz	780.5 MHz	MHz
2	Bandwidth [BW]	fo ± 22.5 [703~748]	fo ± 22.5 [758~803]	MHz
3	Insertion Loss in BW	3.5 max.	3.5 max.	dB
4	Ripple in BW	2.0 max.	2.0 max.	dB
5	ReturnLoss in BW[Ant Port]	15 min	15 min	dB
6	Input Power	10.0 max.	10.0 max.	W
7	Attenuation [Absolute Value]	50 min. @ 758~803 MHz	50 min. @ 703~748MHz 30 min. @ 862~894MHz	dB
8	Isolations	50 min. @ 703~748 MHz 36 min. @ 748~758 MHz		MHz
9	In/Out Impedance	50		Ω
10	OperationTemperatureRange	-40 to +85		°C

DIMENSIONS

