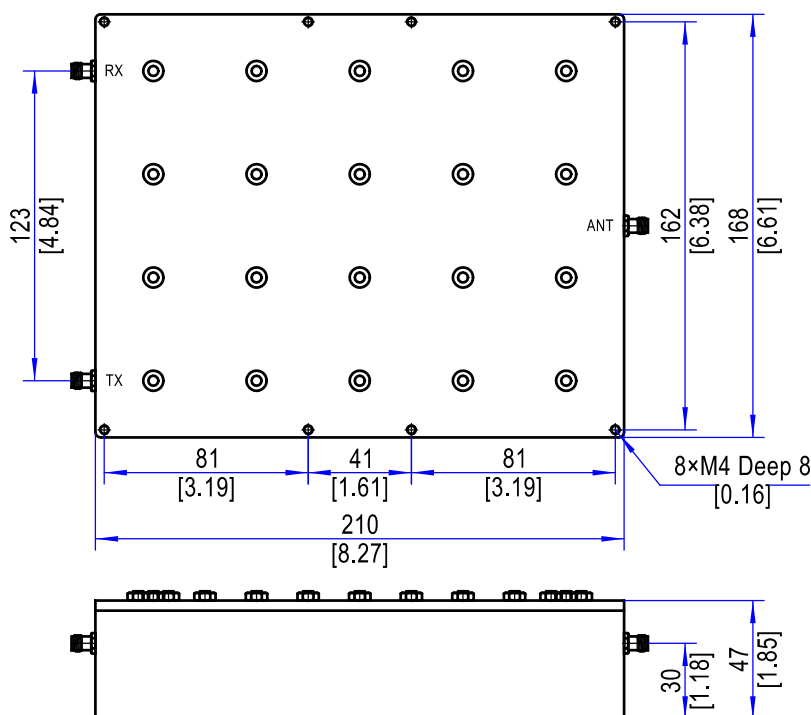


YSDPX15-R703-R803-S

0.703-0.803 GHz Cavity Duplexer, 15 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	703-748 MHz	758-803 MHz
2	Center Frequency(F0)	725.5 MHz	780.5 MHz
3	Insertion Loss	≤1.2 dB @ 725.5 MHz ≤2.0 dB @ 703-748 MHz	≤1.2 dB @ 780.5 MHz ≤2.0 dB @ 758-803 MHz
4	Pass Band Ripple	≤1.2 dB	≤1.2 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥50 dB @ DC-683 MHz ≥60 dB @ 758-1000 MHz ≥80 dB @ 1000-3000 MHz	≥60 dB @ DC-748 MHz ≥50 dB @ 824-849 MHz ≥60 dB @ 849-3000 MHz
7	Power Handling	15 W CW; Peak: 100 W	
8	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-20°C to +60°C	
Mechanical Characteristics			
1	Connectors	SMA Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions ¹	210×168×47 mm / [8.27×6.61×1.85 in]	
4	weight	1930 g	

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3 mm)



Note 1: Excluding Connectors