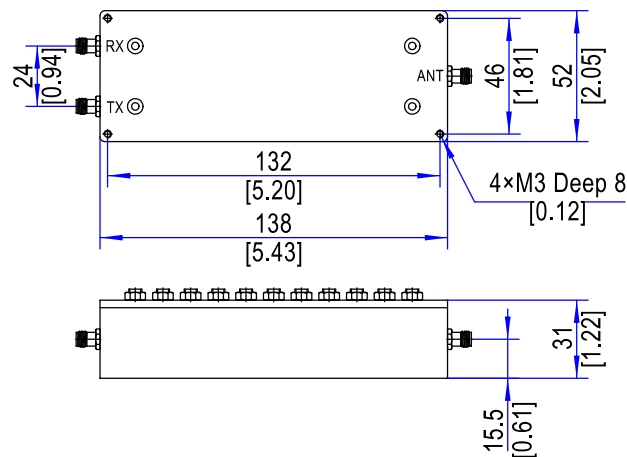


## YSDPX10-1R71-2R17-S

1.71-2.17 GHz Cavity Duplexer, 10 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	1710-1770 MHz	2110-2170 MHz
2	Center Frequency(F0)	1740 MHz	2140 MHz
3	Insertion Loss	≤1.0 dB	≤1.0 dB
4	Pass Band Ripple	≤0.3 dB	≤0.3 dB
5	Pass Band VSWR	≤1.3: 1	≤1.3: 1
6	Stop Band Rejection	≥70 dB @ 1940 MHz ≥70 dB @ 2110-2170 MHz	≥70 dB @ 1940 MHz ≥70 dB @ 1710-1770 MHz
7	Power Handling	≤10 W	
8	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-40°C to +70°C	
Mechanical Characteristics			
1	Connectors	SMA Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions <sup>1</sup>	138×52×31 mm / [5.43×2.05×1.22 in]	
4	weight	330 g	

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



Note 1: Excluding Connectors