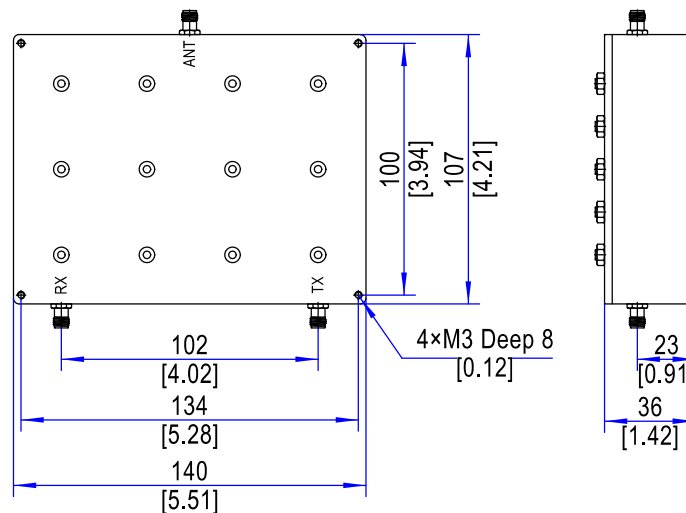


# YSDPX30-R9-R98-S

0.9-0.98 GHz Cavity Duplexer, 30 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	900-930 MHz	950-980 MHz
2	Center Frequency(F0)	915 MHz	965 MHz
3	Insertion Loss	≤1.0 dB	≤1.0 dB
4	Pass Band Ripple	≤0.5 dB	≤0.5 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥60 dB @ 950-980 MHz	≥60 dB @ 900-930 MHz
7	Power Handling	≤30 W	
8	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-30°C to +70°C	
Mechanical Characteristics			
1	Connectors	SMA Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions <sup>1</sup>	140×107×36 mm / [5.51×4.21×1.42 in]	
4	weight	745 g	

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



Note 1: Excluding Connectors