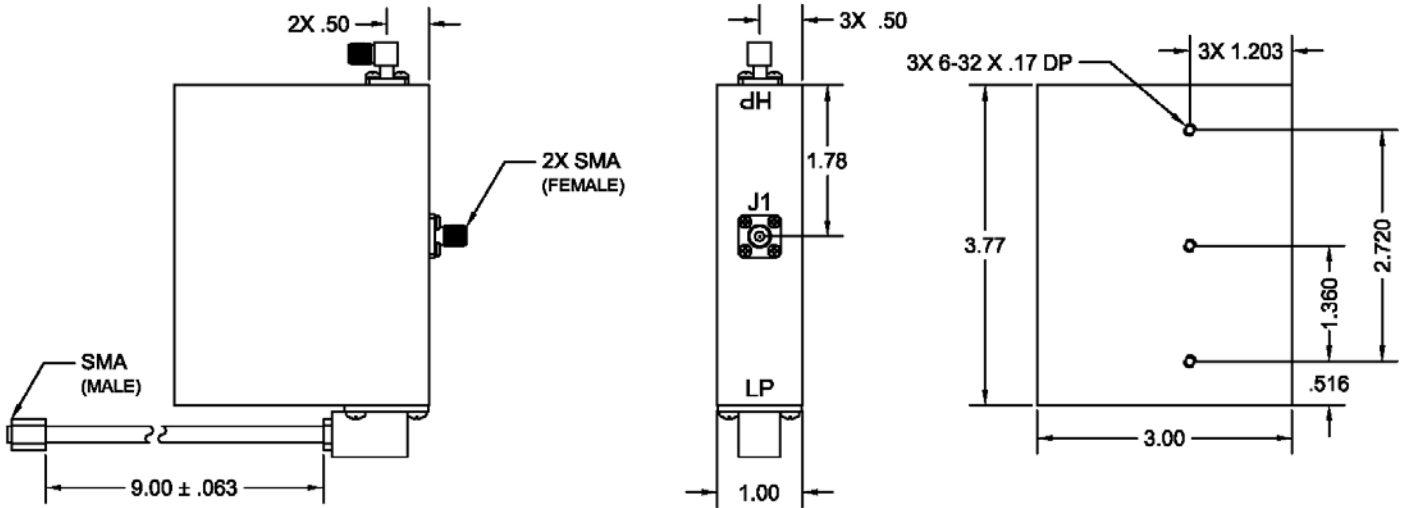




3155G-1

DUPLEX FILTER



ELECTRICAL SPECIFICATIONS

FREQUENCY	
Lowpass	225 to 400 MHz*
Highpass	950 to 1950 MHz
INSERTION LOSS	
Lowpass to Common	0.4 dB max
Highpass to Common	950 to 1950 MHz, 0.7 dB max.
ISOLATION	
Lowpass to Highpass	60 dB min.
Highpass to Lowpass	60 dB min.
VSWR, Ref.: 50 Ohms	
Lowpass	1.5:1 max.
Highpass	1.8:1 max.
IMPEDANCE: 50 Ohms nom., all ports	
POWER HANDLING:	
Lowpass	250 W, CW
Highpass	2KW peak, 0.5% duty cycle or 200W CW, 960 to 1215 MHz

*Functional to DC

GENERAL CHARACTERISTICS

SHOCK	MIL-S-901C, Grade A, Class 1, Type C
VIBRATION	MIL-STD-167-1, Type1
TEMPERATURE:	
Operating	-54°C to +85°C
Non-Operating	-62°C to +85°C
CONNECTORS	
Lowpass, extended	SMA (male)
Highpass	SMA, Right Angle (Female)
Common	SMA (Female)
SIZE, excluding connectors	1.00" x 3.00" x 3.78"
WEIGHT	20 ounces nom.

REV. 2/27/2015