

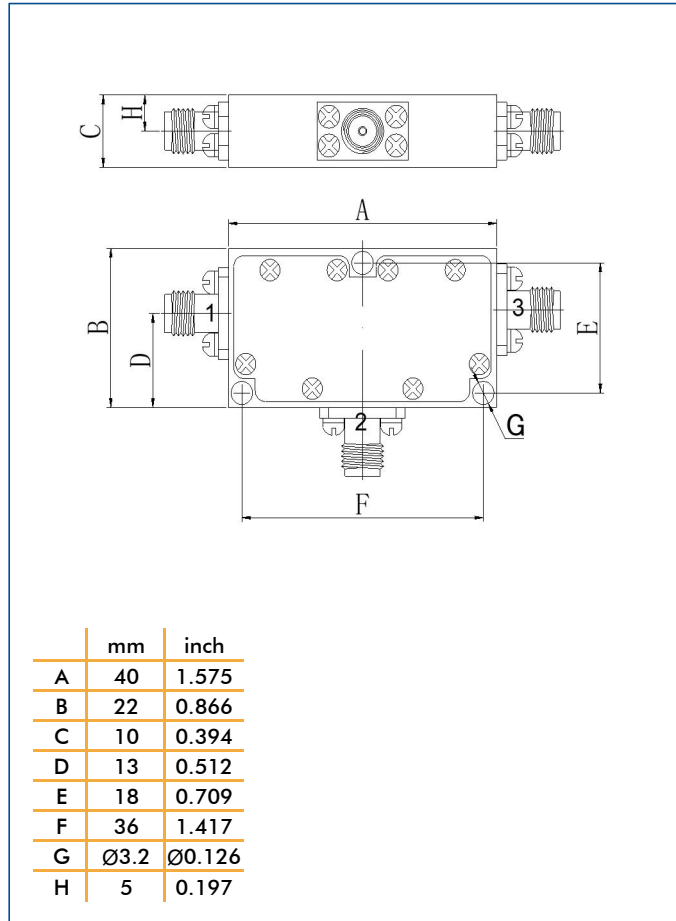
SPECIFICATIONS

Frequency Range:	30~1000 MHz
Gain	40dB min.
Gain Flatness	2dB max.
Noise Figure	1.3dB typ.
Return Loss	15dB typ.
Output Power(P-1dB)	19.5dBm min.
Impedance	50Ω
Supply Voltage	+15V
Supply Current	300mA
Operating Temp.	-40°C~+70°C
Storage Temp.	-45°C~+85°C
RF Connectors	SMA Female

Typical Performances

Freq. (MHz)	Input Return Loss (S11) dB	Output Return Loss (S22) dB	Small-Signal Gain (S21) dB	Power Output @ 1dB Compression dBm	Noise Figure dB
Unit					
10	-19.02	-16.66	42.96	20.9	2.21
95	-21.09	-20.27	41.99	19.7	1.31
180	-18.90	-22.98	42.31	19.8	0.76
265	-18.21	-25.26	42.33	20.1	0.67
350	-16.85	-26.84	42.20	20.0	0.60
435	-16.21	-27.84	41.94	20.1	0.61
520	-15.81	-26.25	41.57	20.2	0.61
605	-15.40	-24.48	41.16	20.2	0.75
690	-15.10	-22.88	40.73	20.3	0.90
775	-14.96	-21.19	40.29	20.3	0.93
860	-14.89	-19.10	39.79	20.3	0.99
945	-14.87	-17.62	39.32	20.3	1.11
1030	-15.00	-16.44	38.84	20.4	1.04
1115	-15.20	-15.03	38.34	20.4	1.04
1200	-15.34	-14.04	37.84	20.4	1.02

Dimensions[mm]



50 Ohm Typical Characteristics

