MODEL: SYS2X1734

FEATURES

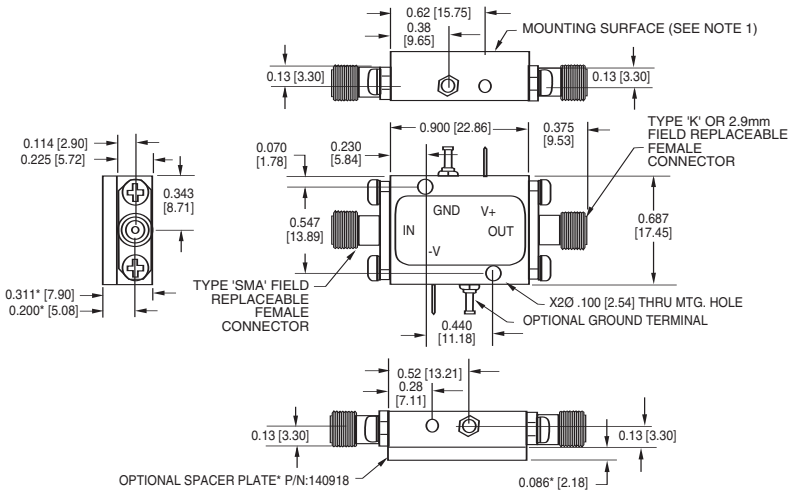
- High fundamental rejection..... -50 dBc
- Output power..... +18 dBm
- Packaging ..... Hermetically sealed

ELECTRICAL SPECIFICATIONS

INPUT PARAMETERS	CONDITION	UNITS	MIN.	TYP.	MAX.
RF frequency range		GHz	16	17	17.5
RF VSWR	50 ohm reference	Ratio		2.5:1	
RF power range		dBm		+12	
V+ bias voltage	@ 250 mA max.	VDC	9		16
V- bias voltage	@ 15 mA max.	VDC	-9		-16
TRANSFER CHARACTERISTICS	**CONDITION**	**UNITS**	**MIN.**	**TYP.**	**MAX.**
Output power		dBm	+13	+18	
Fundamental leakage	Input	dBc		-50	
OUTPUT PARAMETERS	**CONDITION**	**UNITS**	**MIN.**	**TYP.**	**MAX.**
RF frequency range		GHz	32	34	35
RF VSWR	50 ohm reference	Ratio		2.5:1	

NOTE: Test data supplied at 25°C;
fundamental rejection and output power.

OUTLINE DRAWING

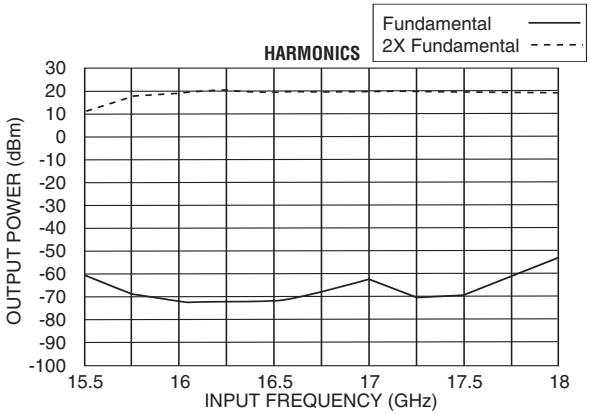


NOTES: 1. Unit's mounting surface shall be attached to a heatsink capable of dissipating the devices power consumption without exceeding the operating temperature limits.
2. All dimensions shown in brackets [ ] are in millimeters.

MAXIMUM RATINGS

Specification temperature..... +25°C
Operating temperature ..... -40 to +65°C
Storage temperature..... -65 to +95°C

ADD SUFFIX TO MODEL NO.	OPTIONS
WG	WR28 output waveguide
S	Single positive supply



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