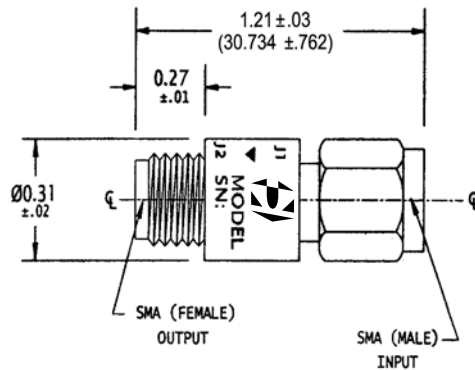




KRYTAR®

BROADBAND PIN-PIN DIODE LIMITERS SERIES KPL (PASSIVE) 500 MHz-18 GHz



LIMITER OUTLINE DRAWINGS

SPECIFICATIONS

MODEL	FREQUENCY RANGE (GHz)	INSERTION LOSS (dB)	VSWR (TYPICAL)	MAXIMUM LEAKAGE POWER (dBm)	
				PEAK	CW
KPL0520	0.5 - 2.0	0.5	1.40	+23.0	+20.0
KPL0140	0.5 - 4.0	0.6	1.40	+23.0	+20.0
KPL2018	2.0 - 18.0	2.5	2.20	+23.0	+19.0
KPL6018	6.0 - 18.0	2.2	2.00	+20.0	+19.0
KPL8018	8.0 - 18.0	2.2	2.00	+20.0	+19.0

FEATURES

Power Handling: 1 Watt CW and 100 Watts Peak
 (1 µsec Pulse Width, 0.1% Duty Cycle,
 Derated to 20% @ 125°C)
 Internal DC Return
 Fast Recovery Time (10 to 20 nsec Typical)
 Limiting Threshold above +9 dBm Typical

ENVIRONMENTAL RATINGS

Operating Temperature Range: -55 to +90°C
 Storage Temperature Range: -65 to +125°C
 Shock: 50 G, 11 msec
 Vibration: 20 G, 100 to 2000 Hz
 Specification @ 25°C and -10 dBm Input Power



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