

# PIN DIODE LIMITERS

(Very High Frequency)

1 WATT CW 1 - 40 GHz



- . Very High frequency Wide Band
- . 1 Watt CW Power Handling Capability
- . Fast Response & Short Recovery Time (10 nsec typical)
- . Hermetically Sealed Module



## Typical Performance @ + 25 Deg. C (Preliminary)

MODEL	FREQUENCY RANGE (GHz)	MAXIMUM <sup>1</sup> INSERTION LOSS (dB)	MAX <sup>1</sup> VSWR	TYP LIM THRESHOLD (dBm)	MAX LEAKAGE <sup>2</sup> @ 1W CW INPUT (dBm)
LP1-26A	1 - 26	3.5	2.1	+9	+20
LP2-26A	2 - 26	3.5	2.1	+9	+20
LP18-26A	18 - 26	3.0	2.1	+9	+19
LP18-40A	18 - 40	4.0	2.1	+9	+19
LP1-40A	1 - 40	4.5	2.1	+9	+20
LP2-40A	2 - 40	4.5	2.1	+9	+20
LP26-40A	26 - 40	4.0	2.1	+9	+19

Notes: 1. Insertion loss and VSWR tested @ - 10 dBm.  
 Notes: 2. Power rating derated to 20% @ +125 Deg. C.



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