



Eyal Microwave Ltd.

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## 3 BIT LIMITER ATTENUATOR

### MODEL: LIMA-2565-00

#### Electrical Specification:

#### PROJECT: 2565

1.	Frequency Range: . . . . .	8.0÷12.0 GHz
2.	Attenuation Range: . . . . .	40dB
3.	Attenuation Step: . . . . .	10dB
4.	Insertion Loss: . . . . .	3.3 dB max.
5.	V.S.W.R: . . . . .	1.5:1 max.
6.	Attenuation Accuracy: . . . . .	± 1dB
7.	Attenuation Flatness: . . . . .	± 0.75dB
8.	Switching Speed: . . . . .	200nSec. / PRF=0.5MHz
9.	Flat Leakage @ 1W CW or 100W peak: . . .	+18dBm
10.	Limiting Threshold: . . . . .	7dBm
11.	Power Handling: . . . . .	100W peak @1µSec P.W & 1KHz PRF OR 1W CW
12.	Power Supply: . . . . .	+5.0V / 160mA -5.0V / 90mA
13.	Control Logic: . . . . .	2 BIT TTL

#### **GENERAL:**

- RF CONNECTORS: SMA (F) removable
- Operating Temperature: -20°C ÷ +80°C
- Size: see attached outline drawing