



Eyal Microwave Ltd.

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## SWITCH LIMITER MODEL-LIMS-2019-80

SPECIFICATION:

PROJECT: 9070 **2019/80**

1. Frequency Range:	3.1÷3.5 GHz
2. Insertion Loss:	1.2 dB at 0V reverses bias
3. Insertion Loss:	1.2 dB at -20V reverses bias
4. VSWR	1.3:1
5. Isolation	45 dB at 25 mA forward current
6. Switching Speed	350 nSec. max
7. I.L. Matching	±0.2 dB unit to unit
8. Phase Matching	±1.0 ° unit to unit
9. Input Power:	200W Peak 20W Ave. Pulse 150 µSec D.C. 10%
10. Input Power:	250W Peak 25W Ave. Pulse 50 µSec D.C. 10%
11. Flat Leakage:	+15 dBm
12. Recovery Time:	350 nSec.
13. Operating Temp:	-40°C to +60°C
14. Vibration/shock	Design to meet MIL-STD 810E

### BLOCK DIAGRAM

