

RF LIMITER

MODEL *TL9010*

Available as: TNL9010, 4 Pin Surface Mount (SM3)
 FPL9010, 4 Pin Flatpack (FP4)
 BXL9010, Connectorized Housing (H1)

Features

- Voltage Variable Limiting Level
- Good Even Order Harmonic Suppression
- Low Insertion Loss
- Low VSWR
- 4 Pin TO-8 Metal Hermetic Package
- Operating Temp. -55 °C to + 100 °C

Specifications

CHARACTERISTIC	TYPICAL	MIN/MAX
Frequency (MHz)	5-1000	50-1000
Insertion loss (dB) @15V	2.0	3.0
Power @ 1 dB comp. (dBm) V= +15V	-2	+1.0
Max output level (dBm) @ +20 dBm input	-1	+3.0
VSWR In	1.7:1	2.0:1
Out	1.7:1	2.0:1
Max Input Level (dBm)	---	+26
Bias Power Vdc	15	20
mA	7	10

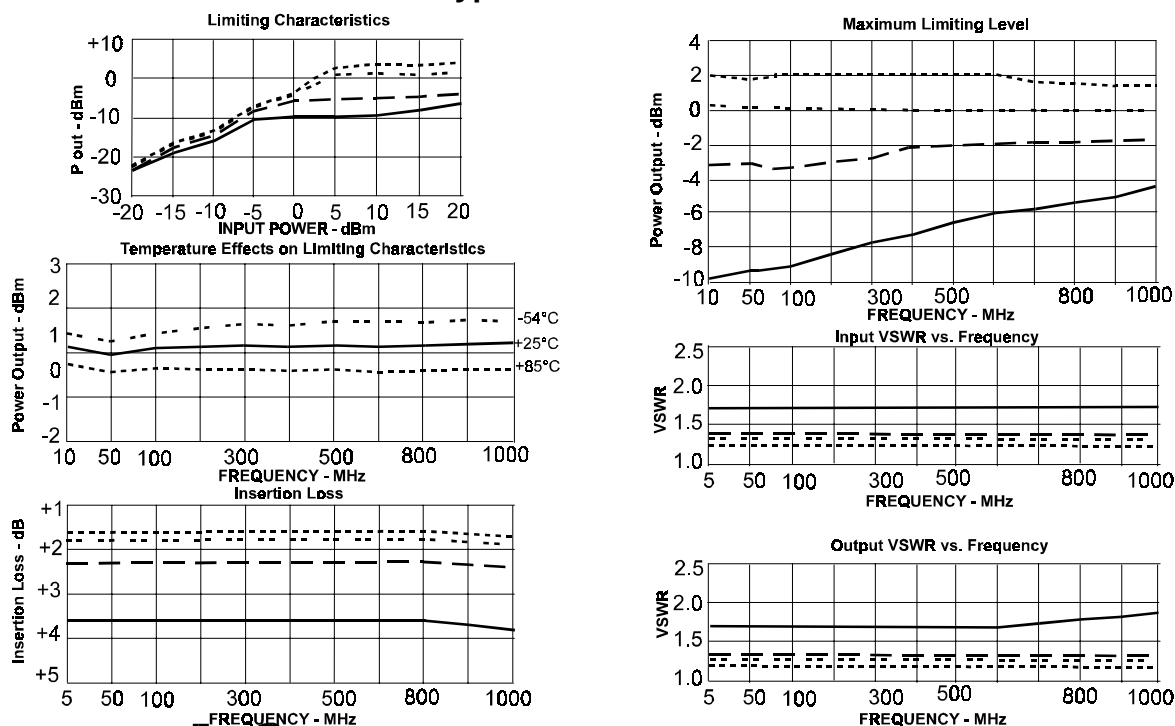
Note: Care should always be taken to effectively ground the case of each unit.

Maximum Ratings

Ambient Operating Temperature -55°C to + 100 °C
 Storage Temperature -62°C to + 125 °C
 Case Temperature + 125 °C
 DC Voltage + 18 Volts
 Continuous RF Input Power + 13dBm
 Short Term RF Input Power 50 Milliwatts
 (1 Minute Max.)
 Maximum Peak Power 0.2 Watt
 (3 µsec Max.)

Legend: ____ +5Vdc ____ +10Vdc ____ +15Vdc -----+20Vdc

Typical Performance Data



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