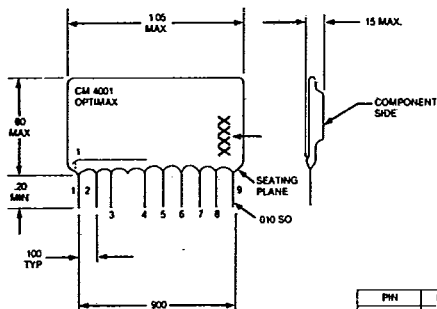


CM 4001



PIN	FUNCTION
1	R.F. OUTPUT
2	GROUND
3	GROUND
4	GROUND
5	+24 V
6	GROUND
7	GROUND
8	GROUND
9	R.F. INPUT

ABSOLUTE MAXIMUM RATINGS

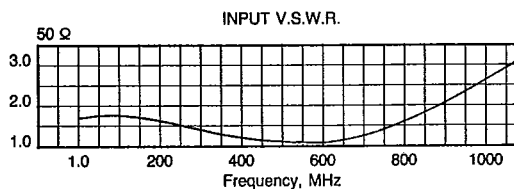
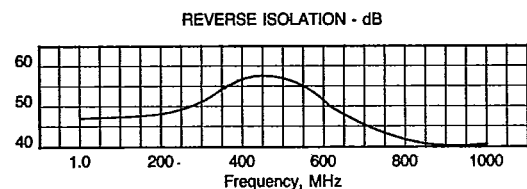
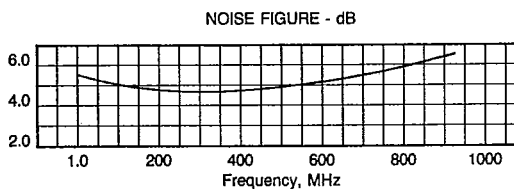
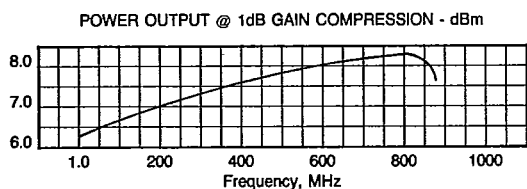
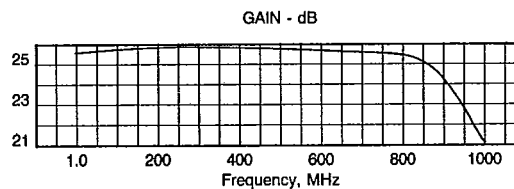
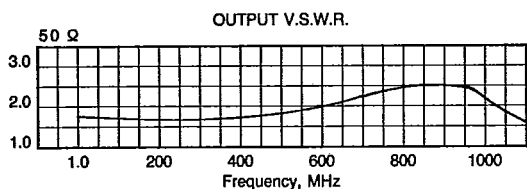
P_{IN} (Max.) Without Damage ... PEAK 0.5W (3 μ sec max.)
 ... CW + 15 dBm
 Storage Temperature - 65°C to + 125°C
 Operating Temperature - 55°C to + 70°C
 DC Supply Voltage + 24V
 DC on RF Terminals + 25V

GUARANTEED ELECTRICAL SPECIFICATIONS

AMBIENT TEMPERATURE		+ 25°C		
PARAMETER		MIN	TYP	MAX
Frequency Range, MHz		20-800	1-900	—
Gain, dB		23.0	25.0	28.0
Gain Flatness, dB		—	± 0.6	± 1.5
Noise Figure, dB		—	6.0	7.0
Power Output, dBm		+ 3.5	+ 6.0	—
3rd Order Intercept Point, dBm		—	+ 17.0	—
VSWR In/Out	50 ohms	—	2.3:1	3.0:1
	75 ohms	—	2.3:1	3.0:1
Reverse Isolation, dB		—	43.0	—
DC Supply Voltage, V		—	24.0	26.0
Supply Current, mA		—	35.0	43.0

TYPICAL PERFORMANCE CURVES

———— + 25°C



Specifications subject to change without notice.