

GaAs MMIC Amplifiers
Typical Specifications at 25° C

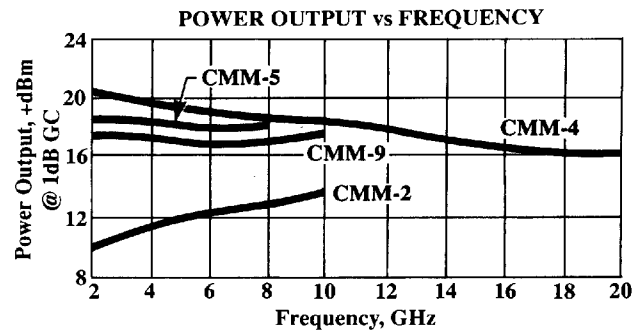
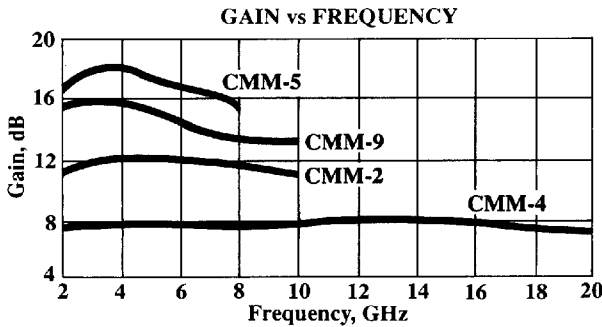
Model	Frequency Range (GHz)	Gain (dB)	Gain Flatness vs Frequency (±dB)	Noise Figure (dB)	VSWR In/Out	Power Output @ 1dB Compression (+dBm)	Reverse Isolation (dB)	DC Voltage (V)	DC Current (mA)	Package
CMM-2	2-6	12.5	0.50	5.5	2.0:1	10.0	30	8	35	Chip
CMM-5	2-6	16.0	1.00	5.5	1.8:1	18.0	30	6	110	Chip
CMM-9	2-8	13.0	1.50	5.5	1.8:1	17.0	30	6	80	Chip
CMM-4	2-20	6.5	0.50	6.0	2.0:1	17.0	30	6	100	Chip
CMM-10	2-20	9.0	0.50	—	1.8:1	23.0	30	8	250	Chip

GaAs MMIC Switches
Typical Specifications at 25° C

Model	Type (1)	Frequency Range (GHz)	Test Frequency (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR In/Out	Power Input @ 1dB Compression (+dBm)	Rise/Fall Time (ns)	Video Leakage (mV)	Package
CMS-12	SPDT	DC-18	18.0	2.2	36	1.5:1	20	2	10	Chip

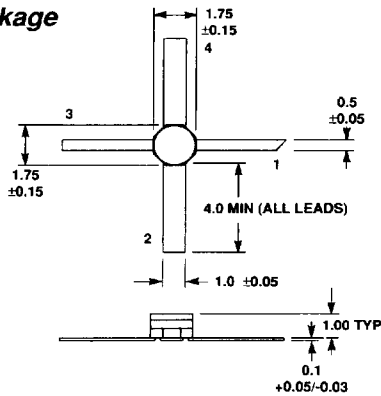
Note: 1. Also available in Single Pole Single Throw (SPST) .

Typical Performance

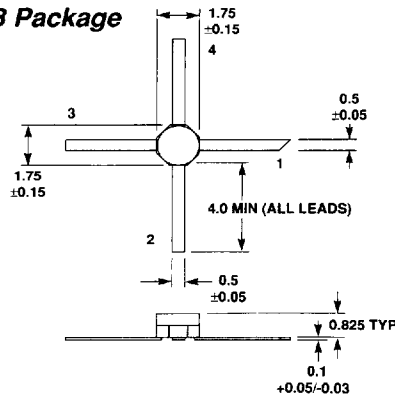


GaAs FET Package Outlines

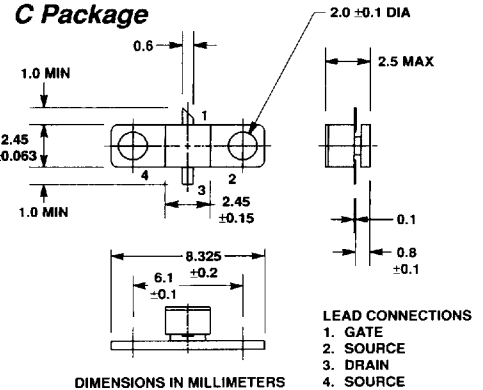
A Package



B Package



C Package



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