

AMPLIFIERS

SURFACE MOUNT - THIN FILM - GaAs FET

TX1000 & TX2000 SERIES

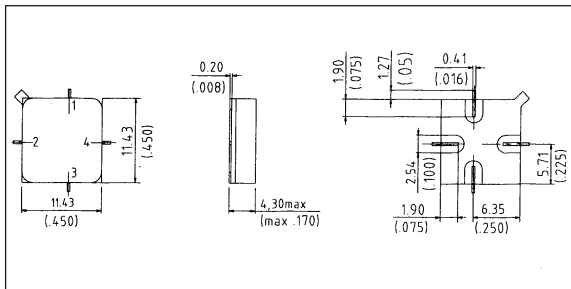
Description

- Medium power amplifiers

Applications

- Military and space
- Telecommunications

Case drawing



SMM2

Features

- New products with + 5 VDC supply
- Frequency range: 5 to 2700 MHz
- Hermetic package
- Vapor phase

Operating characteristics

- Impedance: 50 Ω nominal
- Temperature range: - 40° C to + 100° C

Pin configuration

Case	Input	Output	VDC	Ground	N . C
SMM2	3	1	2	4	-

Electrical characteristics

Model N°	Frequency range (MHz)		Power output @ 1 dB comp. (dBm)	Noise figure (dB) max	Gain (dB) min	3rd order inter. point (dBm)	Flat (± dB) max	VSWR max	DC supply	
	min	max							(V)	(mA)
TX1301	100	1800	14	8	9	27	1	2	12	50
TX1401	100	2000	13.5	7.5	9	28	1	2	12	50
TX1403	1000	1200	6	5	10	-	0.5	1.6	5	12
TX2401	1200	2400	8	7	10	19	1	2	15	50
TX1402	1620	1670	-2	4	12.5	8	0.5	1.5	5	6
TX1501	1960	2040	-2	4.3	17	8	0.2	1.5	5	12
TX1404	1620	1670	-2	4.3	17	8	0.2	1.5	5	12
TX2402	1400	1600	18	3	12	30	0.2	1.5	5	90
TX2501	2050	2300	18	4	11	30	0.2	1.5	5	90
TX2502	2050	2300	13	6	18	24	0.2	1.5	5	70
TX2504	2100	2600	18	4.5	9	30	0.5	1.5	12	120
TX2601	3500	4500	19	5	8	28	1	2	12	130