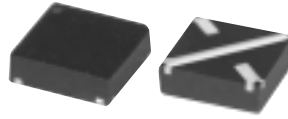


1/2W MINIATURE 0 to 30 dB, DC to 8000 MHz

NEW!



GAT

MODEL◆ NO.	FREQ. RANGE (MHz) f _l -f _u	ATTENUATION (dB)				VSWR (:1)			MAX. INPUT POWER (W) 25°C	CASE STYLE Note B	CON- NEC- TION	PRICE \$ Qty. (10-49)
		FLATNESS				L Typ. Max.	M* Typ. Max.	U Typ.				
		Nom.	L Typ.	M* Typ.	U Typ.							
GAT-0	DC-8000	0±0.2	0.10	0.20	0.20	1.05 1.20	1.15 1.35	1.25	0.5	FG873	hl	2.35
GAT-1	DC-8000	1±0.2	0.10	0.20	0.20	1.05 1.20	1.15 1.30	1.30	0.5	FG873	hl	2.35
GAT-2	DC-8000	2±0.2	0.10	0.20	0.20	1.05 1.20	1.15 1.30	1.30	0.5	FG873	hl	2.35
GAT-3	DC-8000	3±0.3	0.10	0.20	0.20	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-4	DC-8000	4±0.3	0.10	0.20	0.20	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-5	DC-8000	5±0.3	0.10	0.20	0.20	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-6	DC-8000	6±0.3	0.10	0.20	0.30	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-7	DC-8000	7±0.3	0.10	0.20	0.30	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-8	DC-8000	8±0.4	0.10	0.20	0.30	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-9	DC-8000	9±0.4	0.10	0.20	0.30	1.05 1.20	1.15 1.30	1.30	0.5	FG873	hl	2.35
GAT-10	DC-8000	10±0.4	0.15	0.20	0.30	1.05 1.20	1.15 1.30	1.30	0.5	FG873	hl	2.35
GAT-12	DC-8000	12±0.4	0.15	0.20	0.30	1.05 1.20	1.15 1.30	1.30	0.5	FG873	hl	2.35
GAT-15	DC-8000	15±0.4	0.15	0.30	0.30	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-20	DC-8000	20±0.4	0.15	0.20	0.20	1.05 1.20	1.15 1.30	1.35	0.5	FG873	hl	2.35
GAT-30	DC-3000	30±0.9	0.50	1.20	—	1.05 1.20	1.15 1.30	—	0.5	FG873	hl	2.35

*up to 3 GHz for GAT30

L= DC-1 GHz

M= 1-5 GHz

U= 5-8 GHz

see suggested PCB layout (PL-126) for GAT models

features

- miniature package MCLP™ 3X3 mm
- specified to 8 GHz, usable to 10 GHz
- excellent VSWR, 1.15:1 typ. to 8 GHz

marking code:

2 digits for nominal attenuation value.

examples: 03 for GAT-3, 20 for GAT-20

3 characters for GAT-0, 00D

NOTES:

- ◆ Aqueous washable
- † Flatness= variation over band divided by 2.
- A. Environmental specifications and re-flow soldering information available in General Information Section.
- B. Units are non-hermetic unless otherwise noted. For details on case dimensions & finishes see "Case Styles & Outline Drawings".
- C. Prices and Specifications subject to change without notice.
- D. For Quality Control Procedures see Table of Contents, Section 0, "Mini-Circuits Guarantees Quality" article. For Environmental Specifications see Amplifier Selection Guide.
- 1. RF power at 25°C case temp.: 1/2 Watt.
- 2. Attenuation and VSWR at 25°C case temp.
- 3. Operating temperature, -45°C to 85°C

pin connections

see case style outline drawings

PORT	hl
INPUT	1
OUTPUT	3
GND	2,4
DEMO BOARD	TB-154