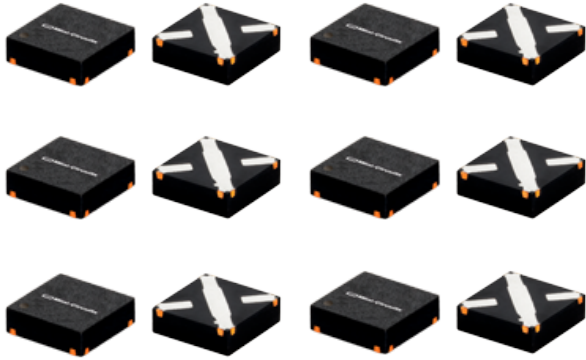




DESIGNER'S KIT K2-GAT+

Fixed Attenuators

50Ω DC to 8GHz



FEATURES

- Wideband, 50Ω
- Input power 0.5W max.
- 3, 6, 10, 15 and 20dB attenuation
- Excellent VSWR, 1.15:1 typ.
- Usable to 10GHz
- MCLP™ (Mini-Circuits Leadless Package)
- Miniature plastic case
(L) 3.0 x (W) 3.0 x (H) 0.89 mm

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K2-GAT+ ELECTRICAL SPECIFICATIONS

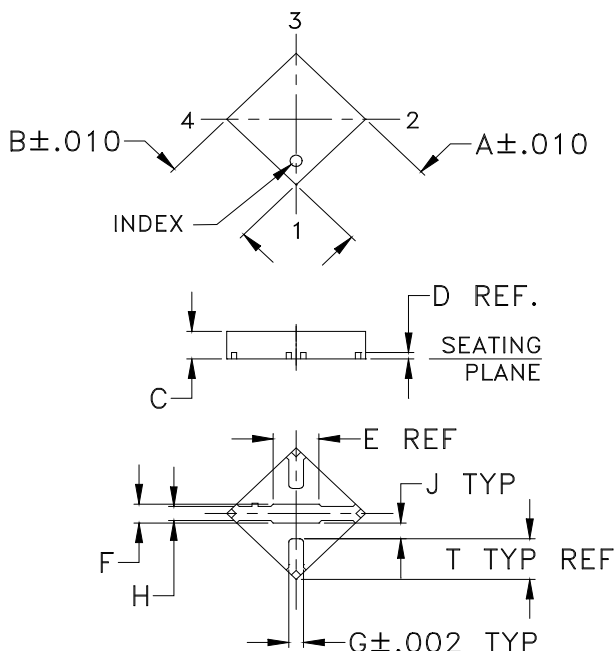
(5 models, 5 of each, 25 pcs total)

Model	Frequency (GHz) f _L -f _U	Attenuation (dB)				VSWR (:1)					Input Power ² (W) Max.
		Flatness ¹									
		Nom.	DC-1GHz Typ.	1-5GHz Typ.	5-8GHz Typ.	DC-1GHz Typ.	Max.	1-5GHz Typ.	Max.	5-8GHz Typ.	
GAT-3+	DC-8	3±0.3	0.1	0.2	0.2	1.05	1.2	1.15	1.3	1.35	0.5
GAT-6+	DC-8	6±0.3	0.1	0.2	0.3	1.05	1.2	1.15	1.3	1.35	0.5
GAT-10+	DC-8	10±0.4	0.15	0.2	0.3	1.05	1.2	1.15	1.3	1.3	0.5
GAT-15+	DC-8	15±0.4	0.15	0.3	0.3	1.05	1.2	1.15	1.3	1.35	0.5
GAT-20+	DC-8	20±0.4	0.15	0.2	0.2	1.05	1.2	1.15	1.3	1.35	0.5

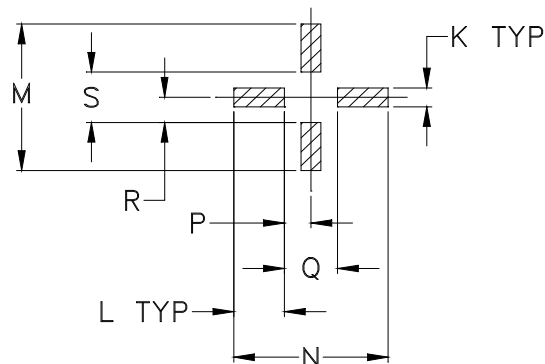
1. Flatness=variation overband divided by 2.

2. RF power at 25°C case temperature: 1/2W. Derate linearly to 0.2W at 85°C.

Outline Dimensions



PCB Land Pattern



Suggested Layout,
Tolerance to be within $\pm.002$

CASE #	A	B	C	D	E	F	G	H	J	K	L	M	N	P
FG873	.118 (3.00)	.118 (3.00)	.035 (0.89)	.008 (0.20)	.07 (1.78)	.024 (0.60)	.017 (0.43)	.018 (0.46)	.021 (0.52)	.024 (0.61)	.061 (1.55)	.186 (4.72)	.186 (4.72)	.032 (0.81)

CASE #	Q	R	S	T	WT. GRAM
FG873	.064 (1.63)	.032 (0.81)	.064 (1.63)	.050 (1.27)	.02

Dimensions are in inches (mm). Tolerances: 2 Pl. $\pm .01$; 3Pl. $\pm .004$

Notes:

- Case material: Plastic.
- Termination finish:
For RoHS Case Styles: Tin-Silver alloy plate over Nickel barrier or Matte-Tin per Data Sheet.
All models, (+) suffix.
For RoHS-5 Case Styles: Tin-Lead plate. All models, no (+) suffix.



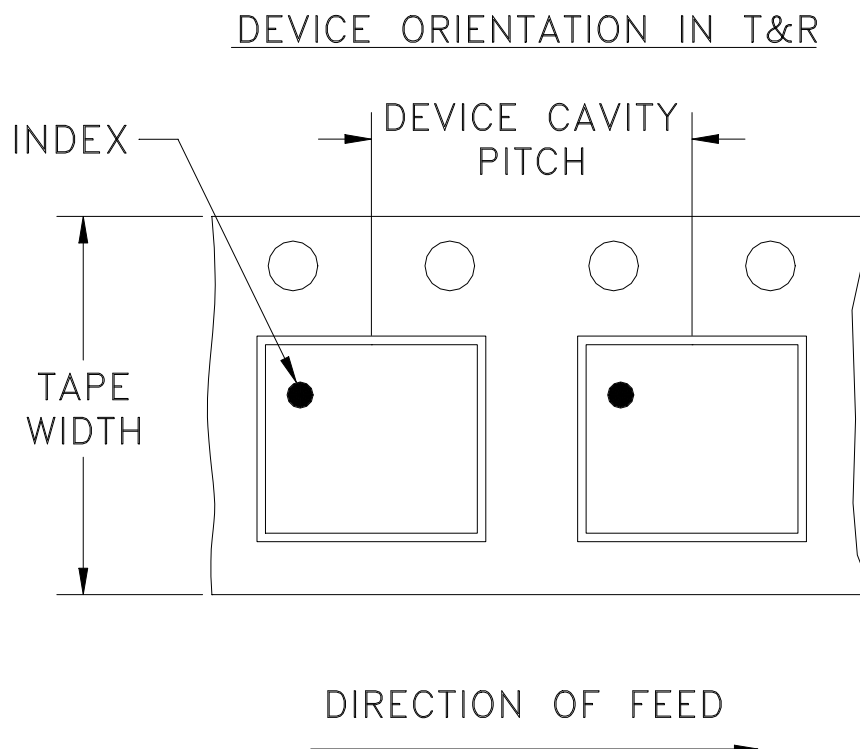
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

RF/IF MICROWAVE COMPONENTS

Tape & Reel Packaging TR-F68



Tape Width, mm	Device Cavity Pitch, mm	Reel Size, inches	Devices per Reel see note	
12	8	7	Small quantity standard	20
				50
				100
				200
				500
		7	Standard	1000
		13	Standard	2000
				3000
				4000

Mini-Circuits carrier tape materials provide protection from ESD (Electro-Static Discharge) during handling and transportation. Tapes are static dissipative and comply with industry standards EIA-481/EIA-541.

Go to: www.minicircuits.com/pages/pdfs/tape.pdf



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