

1/2W MINIATURE 1 to 30 dB, DC to 2500 MHz



LAT

MODEL NO.	FREQ. RANGE MHz f_L - f_U	ATTENUATION dB FLATNESS, Max.				VSWR (:1) Max.			MAX. INPUT POWER, W 25°C	CASE STYLE Note B	CONNECTION	PRICE \$ Qty. (10-49)
		Nom.	<u>L</u>	<u>M</u>	<u>U</u>	<u>L</u>	<u>M</u>	<u>U</u>				
LAT-1	DC-2500	1±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.50	MMM168	jk	1.95
LAT-2	DC-2500	2±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.50	MMM168	jk	1.95
LAT-3	DC-2500	3±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.50	MMM168	jk	1.95
LAT-4	DC-2500	4±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.50	MMM168	jk	1.95
LAT-5	DC-2500	5±0.3	0.3	0.4	0.7	1.3	1.3	1.5	0.50	MMM168	jk	1.95
LAT-6	DC-2500	6±0.3	0.3	0.4	0.7	1.3	1.4	1.5	0.50	MMM168	jk	1.95
LAT-7	DC-2500	7±0.3	0.3	0.4	0.7	1.3	1.4	1.5	0.50	MMM168	jk	1.95
LAT-8	DC-2500	8±0.4	0.3	0.5	0.8	1.3	1.4	1.5	0.50	MMM168	jk	1.95
LAT-9	DC-2500	9±0.4	0.3	0.5	0.8	1.3	1.4	1.5	0.50	MMM168	jk	1.95
LAT-10	DC-2500	10±0.5	0.3	0.5	0.8	1.3	1.4	1.5	0.50	MMM168	jk	1.95
LAT-12	DC-2500	12±0.8	0.3	0.5	0.8	1.3	1.4	1.6	0.50	MMM168	jk	1.95
LAT-15	DC-2500	15±0.8	0.3	0.5	0.8	1.3	1.4	1.6	0.50	MMM168	jk	1.95
LAT-20	DC-2500	20±1.5	0.3	0.5	0.8	1.3	1.4	1.6	0.50	MMM168	jk	1.95
LAT-30	DC-1000	30±1.7	0.5	1.2	—	1.2	1.3	—	0.50	MMM168	jk	1.95

L = DC-500 MHz

M = DC-1000 MHz

U = DC-2500

features

- wideband DC - 2500 MHz frequency coverage.
- excellent VSWR throughout entire band.
- miniature size SOT-143 package
- low cost

marking code:

2 digits for nominal
attenuation value.

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

NOTES:

- ◆ Aqueous washable
- 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.
- 1. RF power at 25°C case temp.: 1/2 Watt. Derate linearly to 0.2 Watt @ 85°C
- 2. Attenuation and VSWR at 25°C case temp.

designers kits available

KIT NO.	MODEL TYPE	No. of Units in Kit	DESCRIPTION	PRICE \$ per kit
K1-LAT	LAT	36	4 of each 3,6,10, 15, 20 2 of each 1,2,4,5,7,8,9,12	59.95

pin connections

see case style outline drawings

PORT	jk
INPUT	4
OUTPUT	2
GND	1,3



The Design Engineers Search Engine
Provides Actual Data Instantly
At: <http://www.minicircuits.com>

In Stock... Immediate Delivery
For Custom Versions Of Standard Models
Consult Our Applications Dept.

