
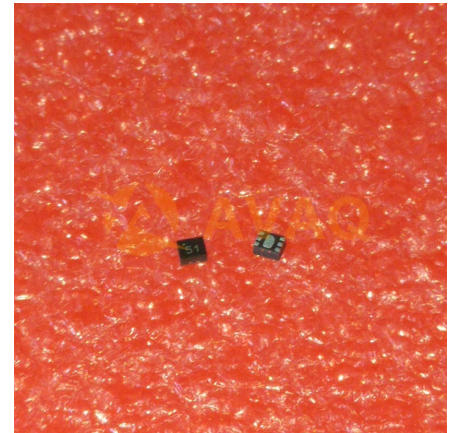


Diode Limiter 10MHz-12GHz 6TDFN

Manufacturer:	MACOM Technology Solutions
Package/Case:	IC
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

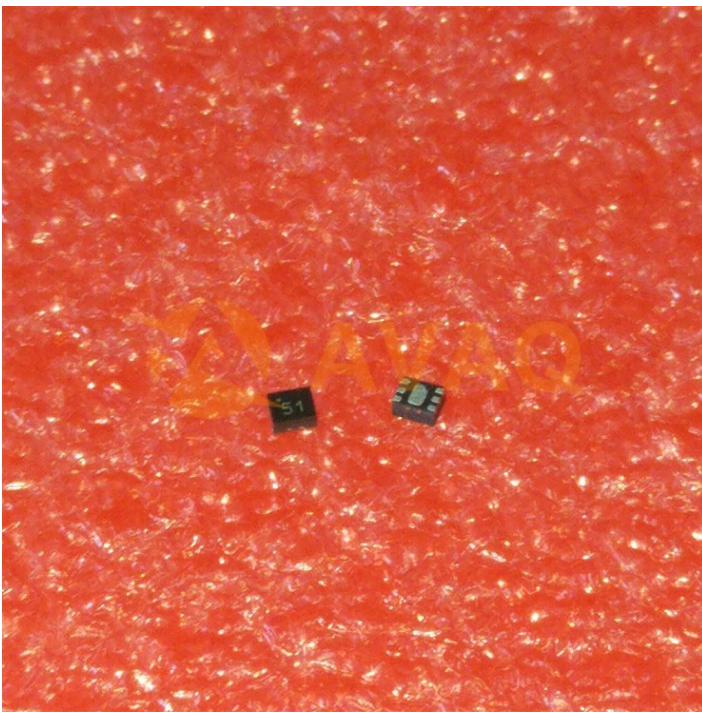
The MADL-011023 is a lead-free 1.5 x 1.2 x 0.75 cu.mm TDFN, 6 lead surface mount plastic packaged PIN diode limiter that provides exceptional low and high signal frequency operation from 50 MHz to 8GHz. This device is ideally suitable for usage in higher frequency and lower flat leakage limiter microwave circuit applications where compact and higher performance surface mount diode assemblies are required.

Key Features

- 3 Terminal LPF Broadband Shunt Structure
- 50 MHz - 8 GHz Broadband Frequency
- Lead-Free 1.5 x 1.2 mm 6-lead TDFN Package
- RoHS* Compliant and 260oC Reflow Compatible
- ISM

Application

- Junction Capacitance: 0.2 pF
- Resistance: 1.3
- Input P1dB: 8 dBm
- Lifetime: 10 nS
- Max CW Power: 10 W
- Voltage Rating: 35 V
- CW Power Handling: 40
- Peak Power Handling: 50
- Max Peak Power: 100 W
- Thermal Resistance: 175



Recommended For You

MA4E1310

MACOM Technology Solutions

nul

MA4ST1231-1141T

MACOM Technology Solutions

SOD-323

MAVR-044769-12790T

MACOM Technology Solutions

SOD-523

MA4P7436-1141T

MACOM Technology Solutions

SOD-323

MA4PH235-1072T

MACOM Technology Solutions

SMD

MA4P1250-1072T

MACOM Technology Solutions

SMD

MA4P604-131

MACOM Technology Solutions

Chip

MADR-009150

MACOM Technology Solutions

QFN

MA144769-287T

MACOM Technology Solutions

SOT23

MA4P7446F-1091T

MACOM Technology Solutions

SMD

MA4PK2001

MACOM Technology Solutions

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MA4P504-132

MACOM Technology Solutions

SMD

MA4P7418-1072T

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