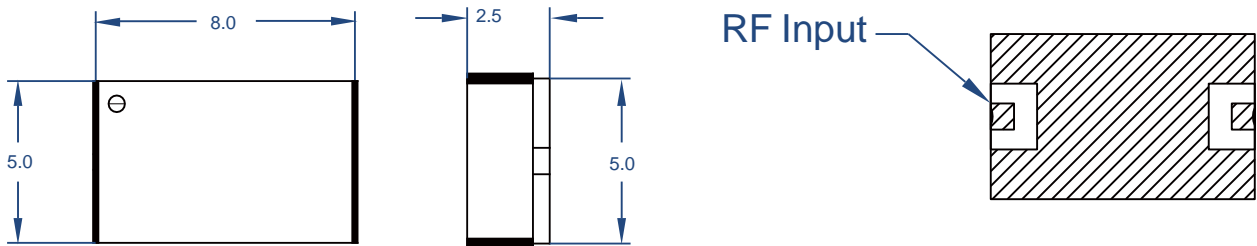


# Hybrid Limiter

- At ADMOTECH, we offer microwave hybrid Limiters. These Limiters use hybrid manufacturing with two-stage silicon PIN diodes.
- Limiters can operate for receiver protection over the frequency range of Sand X band.



## Product Features

- Surface Mount Limiter in Compact Package (8 mm L x 5 mm W x 2.5mm H)
- Low VSWR and Insertion Loss
- High Average Power Handling
- Low Flat Leakage Power (15 dBm)
- Low spike leakage and recovery time

Parameter	Maximum
Character Impedance( $Z_0$ )	50Ω
Test Temperature	25°C
Operating Temperature	-40 ~ 85°C
Storage Temperature	-55 ~ 150°C

## Electrical Specifications

$Z_0=50\Omega$ ,  $T_A = +25^\circ\text{C}$ , as measured in Admotech evaluation board(Unless Otherwise Defined)

Frequency (GHz)	Part Number	Ins. Loss [dB]	Return Loss [dB]	Incident Power [W] CW / Peak	Flat Leakage Power [dBm]	Recovery Time [usec]	Dimensions [mm.]
		Max.	Max.				
2.0 ~ 4.0	ADLM202402	0.6	15	100/1K	15	1.3 us	8 X 5 X 2.5
9.0 ~ 10.0	ADLM902103	1.2	15	10/100	15	300ns	8 X 5 X 2.5

\* Test conditions of Recovery time : RF Pulse width = 25us, Duty Cycle = 1%