



Planar Monolithics Industries, Inc.

mmWave Limiters up to 50 GHz

PMI offers a variety of mmWave Limiters capable of withstanding an input power level of 20 Watts for military and industrial applications. PMI's limiters offer low loss, fast recovery along with low RF leakage levels and broadband coverage to 50 GHz. More available at: <https://www.pmi-rf.com/categories/limiters>

2-IN-1 - Dual Use Connectorized or Surface Mount



LM-10M35G-15DBM-4W-292FF
LM-10M40G-15DBM-4W-AGAL
LM-10M50G-18DBM-4W-24FF

LM-18G40G-SMT-1

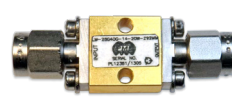
LM-18G40G-18-1W-292FF

LM-26G40G-14-20W-292FF
LM-26G40G-14-20W-292FF Rev. B

PMI Model No.	FREQ Range (GHz)	Insertion Loss (dB)	Input Power (Peak)	Leakage Power (dBm)	Recovery Time	Size (Inches) / Connectors
LM-10M35G-15DBM-4W-292FF https://www.pmi-rf.com/product-details/lm-10m35g-15dbm-4w-292ff	10 MHz - 35	4.0	25 W CW (20 MHz - 18 GHz) & 50 - 40 W PW (20 MHz - 18 GHz), 1 µs PW, 1% duty cycle	+18	150 ns	0.53" X 0.7" X 0.26" 2.92mm (F) Field Removable and SMT (Drop-In)
LM-10M40G-15DBM-4W-AGAL https://www.pmi-rf.com/product-details/lm-10m40g-15dbm-4w-agal	10 MHz - 40	3.2	5 W CW (20 MHz - 12 GHz), 20 W (18 GHz), 1 µs PW, 1% duty cycle	+22	100 ns	0.53" X 0.7" X 0.26" 2.92mm (F) Field Removable and SMT (Drop-In)
LM-10M50G-18DBM-4W-24FF https://www.pmi-rf.com/product-details/lm-10m50g-18dbm-4w-24ff	10 MHz - 50	3.4	4 W CW & 20 W peak, PW 1 µs to 10 µs, 1% duty cycle	+18	100 ns	0.53" X 0.7" X 0.26" 2.92mm (F) Field Removable and SMT (Drop-In)
LM-18G40G-SMT-1 https://www.pmi-rf.com/product-details/lm-18g40g-smt-1	18 - 40	4	20 W peak, 440 - 670 ns PW, PRF 600 - 900 kHz, 40% Duty Cycle	+14	250 ns	0.27" X 0.198" X 0.016" surface mount / drop-in carrier
LM-18G40G-18-1W-292FF https://www.pmi-rf.com/product-details/lm-18g40g-18-1w-292ff	18 - 40	4	1 W CW	+18	10 ns	0.5" X 0.5" X 0.22" 2.92mm (F/F) Field Removable
LM-26G40G-14-20W-292FF https://www.pmi-rf.com/product-details/lm-26g40g-14-20w-292ff	26.5 - 40	4	20 W peak, 440 - 670 ns PW, PRF 600 - 900 kHz, 40% Duty Cycle	+14	250 ns	0.5" X 0.5" X 0.22" 2.92mm (F/F) Field Removable
LM-26G40G-14-20W-292FF Rev. B https://www.pmi-rf.com/product-details/lm-26g40g-14-20w-292ff-rev-b	26.5 - 40	4	20 W peak, 440 - 670 ns PW, PRF 600 - 900 kHz, 40% Duty Cycle	+14	250 ns	0.5" X 0.5" X 0.22" 2.92mm (F/F) Field Removable
LM-26G40G-14-20W-292FM https://www.pmi-rf.com/product-details/lm-26g40g-14-20w-292fm	26.5 - 40	4	20 W peak, 440 - 670 ns PW, PRF 600 - 900 kHz, 40% Duty Cycle	+14	250 ns	0.5" X 0.5" X 0.22" 2.92mm (F/M) Field Removable
LM-26G40G-14-20W-292MM https://www.pmi-rf.com/product-details/lm-26g40g-14-20w-292mm	26.5 - 40	4	20 W peak, 440 - 670 ns PW, PRF 600 - 900 kHz, 40% Duty Cycle	+14	250 ns	0.5" X 0.5" X 0.22" 2.92mm (M/M) Field Removable
LM-32G36G-14-20W-SMT https://www.pmi-rf.com/product-details/lm-32g36g-14-20w-smt	32 - 36	2	20 W peak, 30 µs PW, 30% Duty Cycle	+14	250 ns	0.53" X 0.7" X 0.26" 2.92mm (F) Field Removable and SMT (Drop-In)
LM-35D5G-14-20W-292FF https://www.pmi-rf.com/product-details/lm-35d5g-14-20w-292ff	35 - 36	3	20 W, 440 - 670 ns PW, PRF 600 - 900 kHz, 40% Duty Cycle	+14	250 ns	0.5" X 0.5" X 0.22" 2.92mm (F/F) Field Removable



LM-26G40G-14-20W-292FM



LM-26G40G-14-20W-292MM



LM-32G36G-14-20W-SMT



LM-35D5G-14-20W-292FF

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Amplifiers - Solid State
Attenuators - Variable/
Programmable
Bi-Phase Modulators
Couplers (Quadrature, 180,
Directional)
Detectors - RF / Microwave
DLVAs, ERDLVAs &
SDLVAs
Filters & Switched Filter
Banks
Form, Fit, Functional
Products & Services
Frequency Converters
Frequency Sources
Frequency Discriminators
& IFM
Frequency Synthesizers
Gain & Loss Equalizers
Integrated MIC/MMIC
Assemblies (IMAs)
IQ Vector Modulators
Limiters - RF / Microwave
Log Amps
Miscellaneous Products
Monopulse Comparators
Multifunction Integrated
Assemblies (IMAs)
Phase Shifters & Bi-Phase
Modulators
Power Dividers/Combiners
(Passive & Active)
Pulse Modulators - SPST
Rack & Chassis Mount
Products
Receiver Front Ends &
Transceivers
Single Side Band
Modulators
SMT & QFN Products
Switch Matrices
Switch Filter Banks
Switches - Solid-State
Systems - Radar Sense &
Avoid
Systems - Fly Eye Radar
Threshold Detectors
USB Products