

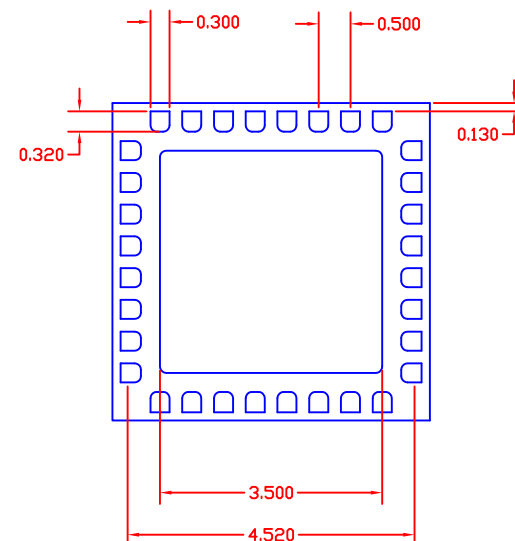
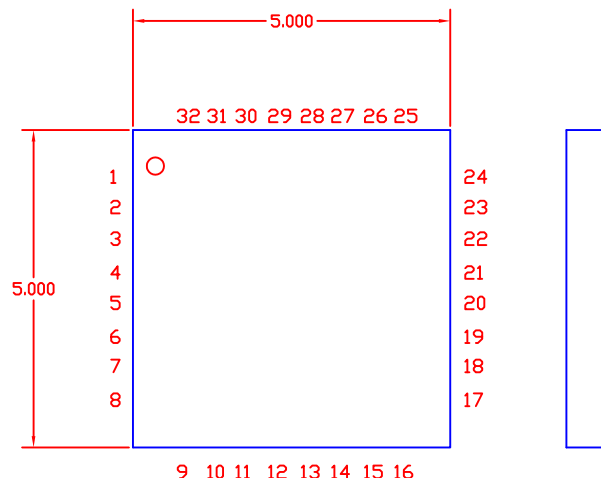
DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-20M18G-15DBM-QFN IS AN RF LIMITER THAT OPERATES OVER THE 20 MHz TO 18 GHz FREQUENCY RANGE. THIS ITEM IS SUPPLIED IN A STANDARD 5X5 QFN 32 LEAD SMT PACKAGE.

SPECIFICATIONS:

- FREQUENCY: 20 MHz to 18 GHz
- INSERTION LOSS: 2.6 dB Max.
- INPUT POWER: +15dBm CW Max.
- RF LEAKAGE: +10 dBm Max.
- LIMITING THERSHOLD: +5dBm Min. (P1dB)
- VSWR IN/OUT: 2.0:1 Typ.
- RF INPUT/OUTPUT: DC Blocked
- PACKAGE: QFN 5x5 32L

PINS	DESCRIPTION
4	RF INPUT
21	RF OUTPUT
ALL OTHERS	GND



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C (OPERATING)
..... -65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204B COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

ALL DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	5/3/2019	

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



		TITLE				
APPROVALS		DATE		PRODUCT FEATURE LM-20M18G-15DBM-QFN RF LIMITER		
DRAWN <i>JPH</i>		5/3/2019				
CHECKED						
ISSUED		SIZE A		FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. —
		SCALE N:S			SHEET 1	OF 1