# SUMMARY TEST DATA

## ON

LM-1G18G-15-3W-500WP-SFF

---

**Customer:**

**SO No:**

**Model No:** LM-1G18G-15-3W-500WP-SFF

**Serial No:** PL28029/2009

**Tested By:** John R.

**Temperature:** +25°C

**Date:** 2/27/20

**Drawing No:** 27634281

**Rev:** A1

---

## TEST ITEM | PARAMETERS | SPECIFIED VALUE | TEST MEASUREMENT | TEST RESULT | QA QC
--- | --- | --- | --- | --- | ---
1 | Frequency Range | 1.0 to 18.0 GHz | 1.0 to 18.0 GHz (See Plot) | Pass | PMI QA1
2 | RF Input Power | 3 Watts CW Maximum | 4 Watts (See Typical Characteristics) | Pass | |
3 | Peak Input Power | 500 W Maximum (@ 0.1% Duty Cycle & 1 μs Pulse Width) | 500 Watts | Pass | |
4 | RF Leakage | +17 dBm Typical | +18 dBm (See Typical Characteristics) | Pass | |
5 | Recovery Time | 100 ns Typical | 33 ns (See Typical Characteristics) | Pass | |
6 | Insertion Loss | 2.5 dB Maximum (@ -20 dBm Input Power) | 2.28 dB (See Plot) | Pass | |
7 | VSWR | 2.0:1 Maximum (@ -20 dBm Input Power) | 1.98:1 (See Plot) | Pass | PMI QA1

---

**QA/QC Approval:**

**Date:** 3/8/20

---

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731 Email: sales@pmi-rf.com
J1-J2 Insertion Loss / VSWR

Summary Test Data
ON
LM-1G18G-15-3W-500WP-SFF