

**SUMMARY TEST DATA  
ON  
LM-218-14-200W-SMF**

02835

Tested By: John R  
Temperature: +25°C  
Date: 10/29/20  
Drawing No: 26928723 Rev: A1

| TEST.<br>ITEM NO | PARAMETERS           | SPECIFIED VALUE                       | TEST<br>RESULTS                               | QA<br>QC    |
|------------------|----------------------|---------------------------------------|-----------------------------------------------|-------------|
| 1                | Frequency:           | 10 MHz to 18 GHz                      | 10 MHz to 18 GHz<br>(See Plot)                | PMI<br>QA 2 |
| 2                | Insertion Loss:      | 2.0 dB MAX @<br>Pin=-10dBm            | 1.72 dB<br>(See Plot)                         |             |
| 3                | Peak Power:          | 200 Watts, 1 usec.<br>0.1% Duty Cycle | Pass<br>(See Typical<br>Characteristics)      |             |
| 4                | Average Power:       | 1 Watt CW                             | Pass<br>(See Typical<br>Characteristics)      |             |
| 5                | VSWR:                | 2.0:1 MAX                             | Input: 1.81:1<br>Output: 1.84:1<br>(See Plot) |             |
| 6                | Leakage Level:       | +14dBm MAX @<br>1 Watt CW             | Pass<br>(See Typical<br>Characteristics)      |             |
| 7                | Low Limit Threshold: | +6dBm TYP.                            | Pass<br>(See Typical<br>Characteristics)      |             |
| 8                | Recovery Time:       | 100nsec MAX @<br>Pin=27dBm            | Pass<br>(See Typical<br>Characteristics)      | PMI<br>QA 2 |

QA/QC Approval:

 PMI  
QA 2

Date:

11/3/20

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Insertion Loss and VSWR

