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| Connectors |
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|------------|

RF Input/Output: SMA(f)

Power, Monitoring: Feed Thru Terminals

**GND: Ground Turret** 

# **Packaging**

Nickel-plated machined aluminum housing – J3PM

### **Mounting**

Threaded inserts on base, 6 places, #2-56

### **POWER REQUIREMENTS**

### Warm-Up Power

≤ 21.5 Watts for 5 minutes

#### **Total Power**

≤ 18 Watts at +25°C

# **Supply Voltage**

+15 VDC ±5%

### **ADJUSTMENT**

## Loop BW

Target Bandwidth: ~200 Hz

Type 2 Loop

### CRYSTAL

### **Type**

100 MHz SC-cut (x120)

# **OTHER**

### Label

Use conventional label with the

following information:

501-25772 (Current Rev.)

12 GHz MXO-PLM

+15 VDC

Serial # - Date Code

(Mark connectors with function)

### **Test Data**

- Output Level
- Phase Noise free-running
- Harmonics, Subs, Products, Spurious
- Power Warm-up and Total

| REV | DATE     | REVISION RECORD | DWN | AUTH |
|-----|----------|-----------------|-----|------|
| ī   | 04-12-12 | Initial Release | PAC |      |
|     |          |                 |     |      |
|     |          |                 |     |      |
|     |          |                 |     |      |
|     |          |                 |     |      |

| J3PM MXO Connections |                                 |  |  |  |
|----------------------|---------------------------------|--|--|--|
| Connector            | Function                        |  |  |  |
| 1 2                  | Supply Voltage<br>Ground, Case  |  |  |  |
| 4 5                  | RF Output<br>Phase Lock Voltage |  |  |  |
| 6                    | Phase Lock Alarm                |  |  |  |
| 7                    | External Reference Input        |  |  |  |



