**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Channel</th>
<th>Frequency (GHz)</th>
<th>VSWR (Max)</th>
<th>VSWR WOW</th>
<th>Ins. Loss (Max)</th>
<th>Power, Peak (Min)</th>
<th>Power, Avg. (Min)</th>
<th>Isolation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 1</td>
<td>5.4 - 5.7</td>
<td>1.2:1</td>
<td>0.02</td>
<td>0.02</td>
<td>1 MW</td>
<td>1000 W</td>
<td>50X</td>
</tr>
<tr>
<td>CH 2</td>
<td>5.4 - 5.7</td>
<td>1.5:1</td>
<td>0.03</td>
<td>0.03</td>
<td>250 W</td>
<td>6 W</td>
<td>50X</td>
</tr>
<tr>
<td>CH 3</td>
<td>5.4 - 5.7</td>
<td>1.3:1</td>
<td>0.05</td>
<td>0.05</td>
<td>250 W</td>
<td>65 W</td>
<td>50X</td>
</tr>
</tbody>
</table>

**MARKING:** DIAMOND STD. LABEL LOCATED WHERE SHOWN AND TO INCLUDE: DIAMOND P/N, S/N, DATE.

* 2 MICROSECOND PULSE WITH A .001 DUTY CYCLE AT 23 PSIG INTO A 1:1 LOAD

**PRESSURE:** 23 PSIG

**LEAK RATE (Max):** 3 CU IN/MIN WITH CH 2 & CH 3 CONNECTORS UNCAPPED & WITHOUT MATING CONNECTORS INSTALLED

**TORQUE (Max):** 20 IN-LBS

**MATERIAL:** ALUMINUM ALLOY

**WEIGHT (Max):** 25 LBS

**FINISH:** TBD

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**DIMENSIONS ARE IN INCHES.**

**REMOVE ALL BURRS AND SHARP EDGES.**

**.005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63.**

**TOLERANCES ARE:**

- FRACTIONS: 1/64 2 PLACES
- DECIMALS: .03 3 PLACES
- ANGLES: .010

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**DUST COVER**

**2X TYPE 'N' JACK WITH CAPTIVATED**

**2X WR187 CHOKE FLANGE M3922/62-001**

**2X TYPE 'N' JACK WITH CAPTIVATED DUST COVER**

**2.25 ±.25**

**.266 THRU EQL SP ON BC**

**16.26 ±.25**