DUAL CHAN COAX ROTARY JOINT

DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES, 200 MAX, UNLESS OTHERWISE SPECIFIED. GRIP FINISH 63. TOLERANCES ARE:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Channel 1</th>
<th>Channel 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency (GHz)</td>
<td>DC-18</td>
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</tr>
<tr>
<td>VSWR (Max)</td>
<td>1.75:1</td>
<td>1.25:1</td>
</tr>
<tr>
<td>Insertion Loss (Max)</td>
<td>1.5 dB</td>
<td>2.0 dB</td>
</tr>
<tr>
<td>Power (CW Max)</td>
<td>1 W</td>
<td>1 W</td>
</tr>
<tr>
<td>Isolation (Min)</td>
<td>-60 dB</td>
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</tr>
</tbody>
</table>

Connectors: SMA-JACK (SMA COMPATIBLE)

Pressurization: YES
Rotational Speed: 10 RPM MAX, CW AND CCW
Torque (Max): 100 IN-OZ
Weight (Max): 20 OZ

Temperature (Operating): -40°C TO + 71°C
Temperature (Non-Operating): -40°C TO + 71°C
Humidity: 100% Condensing
Altitude (Operating): Up to 15,000 Feet
Altitude (Non-Operating): Up to 60,000 Feet

Material: Aluminum Alloy 6061 Primarily
Finish: Chem. Conv. Coat Per MIL-DTL-5541, Cl 3, Clear, Type II
ROHS Compliant

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Marking: Diamond Standard Label Per MIL-STD-130
To include as a minimum part number & serial number
Mark Channel Reference Designations in Permanent Black Ink Per MIL-STD-130

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

ROHS COMPLIANT