ELECTRICAL SPECIFICATIONS

FREQUENCY: 700 - 2700 MHz.

INSERTION LOSS: < 0.75 dB

VSWR: < 1.30:1

ISOLATION: > 14 dB

AMPLITUDE BALANCE: ±0.80 dB

PHASE BALANCE: ±5°

POWER: 200 WATT

TEMPERATURE: -55°C to 85°C

IN, ISO: 50 OHMS

-3dB: 25 OHMS

NOTES:
1. PATENTED DESIGN:
US PATENT #8174338.
2. LEAD MATERIAL: 99.99% PURE SILVER
0.005 [.127] THICK.
3. SEE 90° APPLICATION NOTE FOR
FURTHER INFORMATION.
4. RoHS COMPLIANT.
5. DATA AND SPECIFICATIONS APPLY
WHEN PART IS MOUNTED IN IPP TEST
FIXTURE TF-1235. TEST FIXTURE
CONFIGURATION/FOOTPRINT AVAILABLE
ON REQUEST.

PORT CONFIGURATION

<table>
<thead>
<tr>
<th>INPUT</th>
<th>J1</th>
<th>J2</th>
<th>J3</th>
<th>J4</th>
</tr>
</thead>
<tbody>
<tr>
<td>J1</td>
<td>---</td>
<td>ISOLATION</td>
<td>-3dB&lt;0 DEG</td>
<td>-3dB&lt;90 DEG</td>
</tr>
<tr>
<td>J2</td>
<td>ISOLATION</td>
<td>---</td>
<td>-3dB&lt;90 DEG</td>
<td>-3dB&lt;0 DEG</td>
</tr>
<tr>
<td>J3</td>
<td>-3dB&lt;0 DEG</td>
<td>-3dB&lt;90 DEG</td>
<td>---</td>
<td>ISOLATION</td>
</tr>
<tr>
<td>J4</td>
<td>-3dB&lt;90 DEG</td>
<td>-3dB&lt;0 DEG</td>
<td>ISOLATION</td>
<td>---</td>
</tr>
</tbody>
</table>

MATERIAL
AL. ALLOY, 6061-T6

CAGE CODE: 437R2

SIZE | B
P/N  | IPP-2281T

FINISH
CHEM FILM CLEAR
PER MIL-DTL-841 TYPE 3, REV F.
CLASS 3 ROHS COMPLIANT

MANUF
DATE

TITLE
OUTLINE, IT80, IMPEDANCE TRANSFORMING
90° COUPLER, 700-2700 MHz, 200W