NOTES:
1. PATENTED DESIGN: US PATENT #8174338.
2. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
3. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
4. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1000 - 2500 MHz.
INSERTION LOSS: < 0.50 dB
VSWR: < 1.30:1
ISOLATION: > 14 dB
AMPLITUDE BALANCE: ±0.90 dB
PHASE BALANCE: ±5°
POWER: 200 WATT
IN, ISO: 50 OHMS
-3dB: 25 OHMS
TEMP: -55 TO 85°C

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, 50 Ω</td>
<td>--</td>
<td>ISOLATION</td>
<td>-3dB&lt;0 DEG</td>
<td>-3dB&lt;90 DEG</td>
</tr>
<tr>
<td>J2, 50 Ω</td>
<td>ISOLATION</td>
<td>---</td>
<td>-3dB&lt;90 DEG</td>
<td>-3dB&lt;0 DEG</td>
</tr>
<tr>
<td>J3, 25 Ω</td>
<td>-3dB&lt;0 DEG</td>
<td>-3dB&lt;90 DEG</td>
<td>--</td>
<td>ISOLATION</td>
</tr>
<tr>
<td>J4, 25 Ω</td>
<td>-3dB&lt;90 DEG</td>
<td>-3dB&lt;0 DEG</td>
<td>ISOLATION</td>
<td>---</td>
</tr>
</tbody>
</table>

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