Surface Mount
Power Splitter/Combiner

2 Way-0°  50Ω  2000 to 2600 MHz

**Maximum Ratings**
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -45°C to 100°C
- Power Input (as a splitter): 2W max.
- Internal Dissipation: 0.125W max.

**Pin Connections**
- SUM PORT: 3
- PORT 1: 10
- PORT 2: 6
- GROUND: 1, 2, 4, 5, 7, 8, 9

**Outline Drawing**

**Electrical Specifications**

<table>
<thead>
<tr>
<th>FREQ. RANGE (MHz)</th>
<th>ISOLATION (dB)</th>
<th>INSERTION LOSS ABOVE 3.0 dB</th>
<th>PHASE UNBALANCE (Degrees)</th>
<th>AMPLITUDE UNBALANCE (dB)</th>
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<tr>
<td>2000-2600</td>
<td>18</td>
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**Applications**
- PCS

**Features**
- low profile, 0.07" height
- low insertion loss, 0.8 dB typ.
- excellent amplitude unbalance, 0.3 dB typ.
- solder plated leads for excellent solderability and strain relief
- aqueous washable
- protected by U.S Patent, 5,534,830
- RoHS compliant in accordance with EU Directive (2002/95/EC)

**RoHS Compliance**
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

**Outline Dimensions (inches)**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<tr>
<td>.290</td>
<td>.300</td>
<td>.095</td>
<td>.290</td>
<td>.050</td>
<td>.015</td>
<td>.050</td>
<td>.060</td>
</tr>
<tr>
<td>1.85</td>
<td>7.62</td>
<td>2.41</td>
<td>7.37</td>
<td>1.27</td>
<td>0.39</td>
<td>1.27</td>
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**Suggested Layout, Trace to be filed per Table 2.02**

**Case Style:** SM2
**Price:** $6.95 ea.  QTY. (10-49)

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- Pin Connections
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  - GROUND: 1, 2, 4, 5, 7, 8, 9

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