DOUBLE BALANCED MIXER

R&K-MX190-1S

OUTLINE DRAWING

※ IN MILLIMETERS

R&K Company Limited
721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
Tel: +81-545-31-2600
Fax: +81-545-31-1600
Email: info@rkco.jp
URL: http://rk-microwave.com

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SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td>LO&amp;RF Frequency</td>
<td>5 ~ 1500MHz</td>
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<tr>
<td>IF Frequency</td>
<td>DC ~ 1500MHz</td>
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<tr>
<td>Lo Drive Level</td>
<td>+15dBm</td>
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<tr>
<td>Low Cost</td>
<td>RoHS Compliance</td>
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Input IP3 @Center Band: +23dBm (typ.)
Input 1dB Comp. Point: +9dBm (typ.)
Impedance (All Ports): 50Ω
Maximum RF Input Power: 200mW
Maximum Peak IF Current: 50mA
Operating Temperature: −40°C to +85°C
Storage Temperature: −40°C to +100°C
Connectors (Standard): SMA-Female
Connectors (Option): BNC-Female
Weight (SMA Connector): 65g (typ.)

HOW TO ORDER

Model Name
R&K-MX190-1S

S = SMA - FEMALE
B = BNC - FEMALE

 ※ BNC Operational to 1GHz

TYPICAL PERFORMANCE (Temp @+25°C)

Conversion Loss

Conversion Loss vs LO Drive Level

Isolation

Input IP3

SCHEMATIC

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