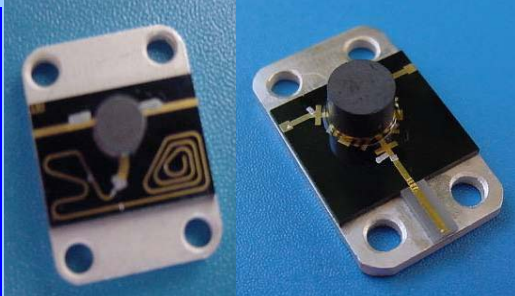


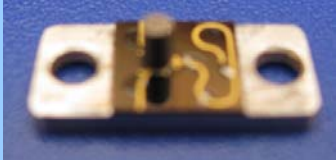
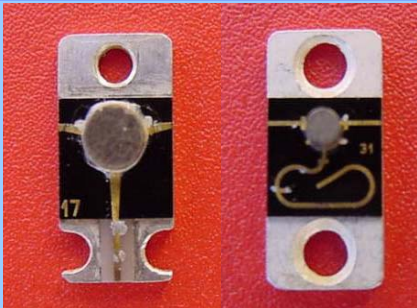



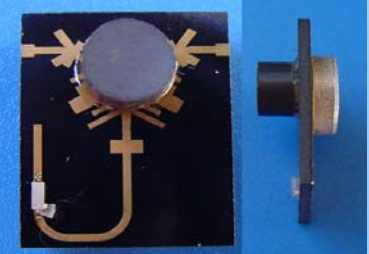
# RADITEK Inc.


## DROP-IN MICROSTRIP ISOLATORS AND CIRCULATORS

1.7 - 100GHz (Typically 10% Bandwidth, 20-24% wide band possible). Can be made to your exact frequency needs.  
 All thin film circuits are gold on copper, suitable for soldering, (very easy with regular solder),  
 (silver solder preferred), or gold thermo-compression bonding  
 Humidity 5 to 95% non-Condensing, Max Temperature during welding process: +350 °C @ 25 msec.

<b>RDKF</b>		<p><b>Microstrip Drop-In on Carrier (1.7-37.5 GHz)</b>                  Direct drop-in replacements for FDK and TDK</p> <p><b>RDKF-4 Hole Model (1.7 – 15.7 GHz)</b>                  Isolator or Circulator</p> <p><b>RDKF-2 Hole Model (6.3 – 37.5 GHz)</b>                  Isolator only</p>	
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<b>MS</b>	<p><b>RADC-MS (3-Hole) Model</b>                  8.5-43GHz, 1-4 GHz Bandwidth, 2 Watts                  4 Circulator Models</p> <ul style="list-style-type: none"> <li>➤ MS21</li> <li>➤ MS31</li> <li>➤ MS41</li> <li>➤ MS51</li> </ul>		<p><b>RADI-MS-2 Hole Model</b>                  27-45.5 GHz , 1-4GHz Bandwidth,                  0.5-2Watts                  Isolator</p>	
				

<b>MSS</b>	<p><b>MSS Substrate Only Model</b>  <b>T format</b> mounting directly to Chassis or circuit board (2-96 GHz).</p> <p><b>54-78 GHz</b>, Collision Avoidance  <b>96 GHz</b></p> <p>High Power C-Band 5.2-5.95 GHz,                  20 Watts,</p> <p>&lt;&lt; MSS-Y Model 5.2-5.95 20W</p>		<b>MSSDM</b>	<p><b>MSSDM Substrate Only Model Dual Magnet</b></p> <p><b>34-36 GHz Model Low Profile. &gt;&gt;&gt;</b></p>	
	<p>1) -NM (Non Magnetic) mount on Non Magnetic material ie Aluminum 6 to 23GHz only                  2)-M (magnetic) mount on Steel / Kovar &gt;1mm thick, (Default &lt;6GHz // &gt;24GHz) to give correct magnetic field to ensure over temperature performance. If mounted on aluminum will meet spec 10-35°C</p>			<p>The devices should be mounted on the NON MAGNETIC carrier or base. The minimal thickness is 1.5mm. Plating: Gold, RoHS and REACH compliant. Load and Tuning conductor (97in3Ag). Optional location and configuration determined by vendor.</p>	

<b>MSSM</b>	<p><b>RADI MSSM Model</b>                  Metal Backed Substrate on Carrier 2.0-55GHz 0.25-20W (10% Bandwidth) Ferrite substrates on steel carriers.</p> <p>Same Footprint as the MSS and has a shim of steel added to the back allowing it to be mounted on Aluminum with out reservation.</p>		<b>MSS-DJ</b>	<p><b>RADI MSS-DJ Model</b>                  Dual junction miniature Microstrip isolators/circulators provide better channel isolation, 33dB min., between antenna, transmitter and receiver.</p> <p>With less than 0.5dB (@ 10GHz loss through antenna to receiver channel.</p>	