136 to 200MHz – Band Pass Filter

Design Features
◆ High RF performance, ultra-competitive price.
◆ Military, space and commercial applications.
◆ Custom design available upon request.
◆ Guaranteed for one year standard.

RF Characteristics

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Pass Band (MHz)</th>
<th>Insertion Loss Max(dB)</th>
<th>VSWR Max</th>
<th>Rejection</th>
<th>Power (W)</th>
<th>Connector Type</th>
<th>Temp.(°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UIYBPF250166A136T1385SF</td>
<td>136 ~ 138.5</td>
<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
<td>100</td>
<td>SMA-F</td>
<td>-40 ~ +85</td>
</tr>
<tr>
<td>UIYBPF250166A138075T138575NF</td>
<td>138.075~138.575</td>
<td>3.5 Ripple 1.5dB</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±3.0MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
</tr>
<tr>
<td>UIYBPF250166A143T455NF</td>
<td>143 ~ 145.5</td>
<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
</tr>
<tr>
<td>UIYBPF250166A143T455NF</td>
<td>143 ~ 145.5</td>
<td>2.0</td>
<td>1.5</td>
<td>40dB @138MHz 40dB @ 160MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
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<tr>
<td>UIYBPF250166A150T174NF</td>
<td>150 ~ 174</td>
<td>0.7</td>
<td>1.4</td>
<td>35dB @Fc ±0.4MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
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<tr>
<td>UIYBPF250166A153575T154075NF</td>
<td>153.575~154.075</td>
<td>3.5 Ripple 1.5dB</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±3.0MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
</tr>
<tr>
<td>UIYBPF250166A1565T159NF</td>
<td>156.5 ~ 159</td>
<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
</tr>
<tr>
<td>UIYBPF250166A1574125T1579125NF</td>
<td>157.4125~157.9125</td>
<td>3.5 Ripple 1.5dB</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±3.0MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
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<tr>
<td>UIYBPF250166A16075T16325NF</td>
<td>160.75 ~ 163.25</td>
<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
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<tr>
<td>UIYBPF250166A16675T16925NF</td>
<td>166.75 ~ 169.25</td>
<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
<td>100</td>
<td>N-F</td>
<td>-40 ~ +85</td>
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<tr>
<td>UIYBPF250166A168T1705SF</td>
<td>168 ~ 170.5</td>
<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
<td>100</td>
<td>SMA-F</td>
<td>-40 ~ +85</td>
</tr>
<tr>
<td>UIYBPF250166A1845T187NF</td>
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<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
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<td>N-F</td>
<td>-40 ~ +85</td>
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<tr>
<td>UIYBPF250166A197T1995SF</td>
<td>197 ~ 199.5</td>
<td>2.0</td>
<td>1.3</td>
<td>60dB @88~108MHz 40dB @ Fo ±6.5MHz</td>
<td>100</td>
<td>SMA-F</td>
<td>-40 ~ +85</td>
</tr>
</tbody>
</table>

Mechanical Drawing

Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.