Features
• Low Ripple
• High Rejection
• Low Loss

Description
Surface mount, silver (Ag) coated ceramic filter. Developed for use in Infrastructure and applications.

Material: Filter is composed of a ceramic block coated with Ag and a shield made of nickel silver plated steel.

Filter complies with RoHS standards.

Electrical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Frequency MHz</th>
<th>Typical @ 25°C</th>
<th>Specification @ 25°C</th>
<th>Spec over -40ºC to +85ºC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passband Loss</td>
<td>2620 - 2690</td>
<td>-1.90</td>
<td>-2.20</td>
<td>-2.40</td>
</tr>
<tr>
<td>Passband Ripple</td>
<td>2620 - 2690</td>
<td>0.80</td>
<td>1.80</td>
<td>2.00</td>
</tr>
<tr>
<td>Passband Return Loss</td>
<td>2620 - 2690</td>
<td>-18.0</td>
<td>14.0</td>
<td>-14.0</td>
</tr>
<tr>
<td>Attenuation</td>
<td>2300 - 2400</td>
<td>-55.0</td>
<td>-25.0</td>
<td>-25.0</td>
</tr>
<tr>
<td></td>
<td>2500 - 2570</td>
<td>-49.0</td>
<td>-38.0</td>
<td>-38.0</td>
</tr>
<tr>
<td>Power into any port</td>
<td></td>
<td></td>
<td></td>
<td>2 Watt max</td>
</tr>
</tbody>
</table>

Note: Supplier shall test each filter to the critical electrical specifications of the above table. Any subsequent audits may deviate from in value due to measurement repeatability among different test systems. Such deviations shall not exceed the following limits:

<table>
<thead>
<tr>
<th>Specification Allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss</td>
</tr>
<tr>
<td>Return Loss</td>
</tr>
<tr>
<td>Stopbands</td>
</tr>
</tbody>
</table>


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**Electrical response**

**Packaging and Marking**

**Mechanical Drawing**

**DIMENSION** | **UNITS** | **SPECIFICATION**
---|---|---
Reel Diameter | mm | 330
Reel Weight | kg | 3.48
Reel Quantity | ea. | 400

**Product Marking**

CTS 14B YWW

**DIMENSION** | **UNITS** | **SPECIFICATION**
---|---|---
Wo | Inches/mm | 2.205 / 56.0
Ao | Inches/mm | 0.343 / 8.7
Bo | Inches/mm | 1.705 / 43.3
Ko | Inches/mm | 0.343 / 8.7
Po | Inches/mm | 0.630 / 16.0