Features
• Extended pass band
• Low loss
• High rejection

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

Weight: Approximately 30.0 grams typical

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

Filter complies with RoHS standards.

Electrical Specifications

<table>
<thead>
<tr>
<th></th>
<th>Low Band Response</th>
<th>High Band Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passband Iloss</td>
<td>746 - 756</td>
<td>777 - 787</td>
</tr>
<tr>
<td>Passband Ripple</td>
<td>746 - 756</td>
<td>777 - 787</td>
</tr>
<tr>
<td>Passband Return Loss @ Ant</td>
<td>746 - 756</td>
<td>777 - 787</td>
</tr>
<tr>
<td>Passband Return Loss @ Low Band</td>
<td>746 - 756</td>
<td>777 - 787</td>
</tr>
<tr>
<td>Attenuation</td>
<td>777 - 787</td>
<td>700</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specification Allowance</th>
<th>Acceptance Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss</td>
<td>0.1 dB</td>
</tr>
<tr>
<td>Return Loss</td>
<td>1.0 dB</td>
</tr>
<tr>
<td>Stopbands</td>
<td>1.0 dB</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:

- CTS Corporation 2006 reserves all copyrights in the layout, design and configuration of the patterns on this product.
Packaging and Marking
Product is shipped in preformed foam trays

5 Trays containing 12 slots with 2 filters per slot.
5 Trays per box. Total 120 filters per box

Part Marking: CTS TBD YWW

Electrical response

- CTS Electronic Components - www.ctscorp.com - 4800 Alameda Blvd. NE – Albuquerque, NM 87113-