**KEMET Part Number:** C0402C220J5GACTU  
(C0402C220J5GAC7867)

SMD Comm C0G, Ceramic, 22 pF, 5%, 50 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402

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### General Information

- **Supplier:** KEMET  
- **Series:** SMD Comm C0G  
- **Style:** SMD Chip  
- **Description:** SMD, MLCC, Ultra-Stable, Low Loss, Class I

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>1mm +/-0.05mm</td>
</tr>
<tr>
<td>W</td>
<td>0.5mm +/-0.05mm</td>
</tr>
<tr>
<td>T</td>
<td>0.5mm +/-0.05mm</td>
</tr>
<tr>
<td>S</td>
<td>0.3mm MIN</td>
</tr>
<tr>
<td>B</td>
<td>0.3mm +/-0.1mm</td>
</tr>
</tbody>
</table>

### Packaging Specifications

- **Packaging:** T&R, 180mm, Paper Tape  
- **Packaging Quantity:** 10000

### Specifications

- **Capacitance:** 22 pF  
- **Capacitance Tolerance:** 5%  
- **Voltage DC:** 50 VDC  
- **Dielectric Withstanding Voltage:** 125 V  
- **Temperature Range:** -55/+125°C  
- **Temperature Coefficient:** C0G  
- **Dissipation Factor:** 0.10% 1MHz 25C  
- **Aging Rate:** 0% Loss/Decade Hour  
- **Insulation Resistance:** 100 GOhms

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