KEMET Part Number: C2220C476M3R2C7186

KPS SMD Comm X7R, Ceramic, Commercial Grade, 47 uF, 20%, 25 VDC, X7R, 2220-2

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**General Information**

- **Supplier:** KEMET
- **Series:** KPS SMD Comm X7R
- **Style:** Stacked Chip
- **Description:** SMD, MLCC, Stacked, Double Chip, Temperature Stable
- **Features:** Temperature Stable
- **RoHS:** Yes
- **Termination:** Tin
- **Miscellaneous:** Note: Referee time for X7R dielectric for this part number is 1000 hours
- **Chip Size:** 2220-2

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**Dimensions**

<table>
<thead>
<tr>
<th>L</th>
<th>6mm +/-0.5mm</th>
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</thead>
<tbody>
<tr>
<td>W</td>
<td>5mm +/-0.5mm</td>
</tr>
<tr>
<td>T</td>
<td>5mm +/-0.50mm</td>
</tr>
<tr>
<td>B</td>
<td>1.6mm +/-0.3mm</td>
</tr>
</tbody>
</table>

**Packaging Specifications**

- **Packaging:** T&R, 180mm, Plastic Tape
- **Packaging Quantity:** 200

**Specifications**

- **Capacitance:** 47 uF
- **Capacitance Tolerance:** 20%
- **Voltage DC:** 25 VDC
- **Dielectric Withstanding Voltage:** 62.5 V
- **Temperature Range:** -55/+125°C
- **Temperature Coefficient:** X7R
- **Dissipation Factor:** 3.50% 120Hz 25C
- **Aging Rate:** 3% Loss/Decade Hour
- **Insulation Resistance:** 11 MOhms

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