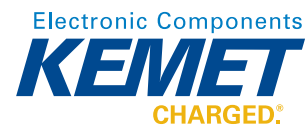
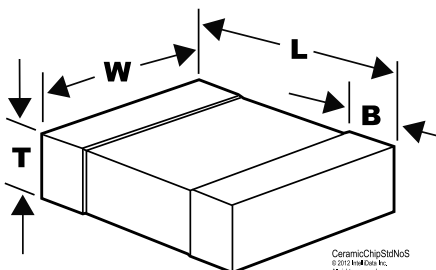


**KEMET Part Number: C1206C107M9PACTU**  
(C1206C107M9PAC7800)



Ceramic, Commercial-(CxxxxC), 100 uF, 20%, 6.3 V, 1206, X5R, SMD, MLCC, Temperature Stable, Class II



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#### Dimensions

|          |                    |
|----------|--------------------|
| <b>L</b> | 3.2mm +/-0.2mm     |
| <b>W</b> | 1.6mm +/-0.2mm     |
| <b>T</b> | 1.6mm +/-0.20mm    |
| <b>B</b> | 0.5mm +0.4/-0.25mm |

#### Packaging Specifications

|                            |                          |
|----------------------------|--------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Plastic Tape |
| <b>Packaging Quantity:</b> | 2000                     |

#### General Information

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| <b>Style:</b>         | SMD Chip                                                               |
| <b>Series:</b>        | Commercial-(CxxxxC)                                                    |
| <b>Chip Size:</b>     | 1206                                                                   |
| <b>Description:</b>   | SMD, MLCC, Temperature Stable, Class II                                |
| <b>Features:</b>      | Temperature Stable, Class II                                           |
| <b>RoHS:</b>          | Yes                                                                    |
| <b>Termination:</b>   | Tin                                                                    |
| <b>Marking:</b>       | No                                                                     |
| <b>Failure Rate:</b>  | N/A                                                                    |
| <b>Miscellaneous:</b> | Note: Referee time for X5R dielectric for this part number is 48 hours |

#### Specifications

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Capacitance:</b>                     | 100 uF              |
| <b>Capacitance Tolerance:</b>           | 20%                 |
| <b>Voltage DC:</b>                      | 6.3 VDC             |
| <b>Dielectric Withstanding Voltage:</b> | 15.75 V             |
| <b>Temperature Range:</b>               | -55/+85C            |
| <b>Temperature Coefficient:</b>         | X5R                 |
| <b>Dissipation Factor:</b>              | 10%                 |
| <b>Aging Rate:</b>                      | 5% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 1 MOhms             |

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