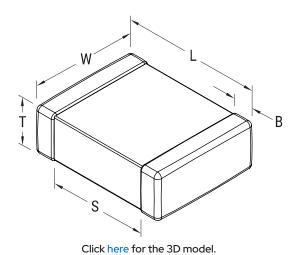


## C1206J154K1RACTU

Aliases (C1206J154K1RAC7800) SMD Comm X7R FO, Ceramic, 0.15 uF, 10%, 100 VDC, X7R, SMD, MLCC, Open Mode, Temperature Stable, 1206, 1.5 mm



| General Information      |   |
|--------------------------|---|
| Series                   | SMD Comm X7R FO                             |
| Style                    | SMD Chip                                    |
| Description              | SMD, MLCC, Open Mode,<br>Temperature Stable |
| Features                 | Open Mode, Temperature Stable               |
| RoHS                     | Yes   |
| Termination              | Flexible Termination                        |
| Marking                  | No  |
| AEC-Q200                 | No  |
| Typical Component Weight | 55 mg                                       |
| Shelf Life               | 78 Weeks                                    |
| MSL                      | 1   |

| mensions |                 | Sp  |
|----------|-----------------|-----|
| ip Size  | 1206            | Ca  |
|          | 3.3mm +/-0.4mm  | Me  |
|          | 1.6mm +/-0.35mm | То  |
|          | 1.6mm +/-0.25mm | Vo  |
|          | 1.5mm MIN       | Die |
|          | 0.6mm +/-0.25mm | Te  |
|          |                 | Τo  |

## **Packaging Specifications**

Din Chi W T S B

PackagingT&R, 180mm, Plastic TapePackaging Quantity2000

| Specifications   |  |
|--|--|
| Capacitance  | 0.15 uF  |
| Measurement Condition  | 1 kHz 1.0Vrms                                      |
| Tolerance  | 10%  |
| Voltage DC   | 100 VDC  |
| Dielectric Withstanding Voltage  | 250 VDC  |
| Temperature Range  | -55/+125°C   |
| Temp. Coefficient  | X7R  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 15%, 1kHz 1.0Vrms                                  |
| Dissipation Factor   | 2.5%1kHz1.0Vrms                                    |
| Aging Rate   | 3% Loss/Decade Hour: Referee<br>Time is 1000 Hours |
| Insulation Resistance  | 6.6667 GOhms                                       |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.