

Capacitor, Ceramic, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 2.7 pF, +/-0.1pF Tol, 250 V, COG, 0505



| General Information | |
|--------------------------|--|
| Supplier: | KEMET |
| Application: | RF/Microwave |
| Chip Size: | 0505 |
| Temperature Coefficient: | COG |
| Part Type Description: | SMD, Fixed, RF, Ultra High Q, Low ESR, Class I |
| Termination Type: | Tin (Sn) |
| Marked: | No |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-------------|
| Symbol | Dimension | Tolerance |
| L | 1.4 | +0.38/-0.25 |
| W | 1.4 | +/-0.38 |
| T | 1.15 | +/-0.15 |
| B | 0.25 | +0.25/-0.13 |

| Specifications | |
|------------------------|---------------------|
| Capacitance: | 2.7 pF |
| Voltage: | 250 V |
| Tolerance: | +/-0.1pF |
| Temperature Range: | -55/+125C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 10 GOhm |
| Dielectric Strength: | 500 V |
| Q: | 854 |
| Miscellaneous: | Minimum Q = 854 |

| Packaging Specifications | |
|--------------------------|--------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Type: | Plastic Tape |
| Package Quantity: | 3000 |

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.