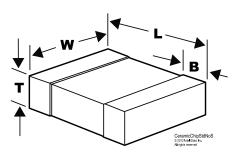
KEMET Part Number: C1812R155K5RAC



Capacitor, Ceramic, SMD, MLCC, High Temperature, FT-Cap, 1.5 uF, +/-10% Tol, 50 V, X7R, 1812 (4532 metric)



| General Information | | |
|--------------------------|-------------------------------------|--|
| Supplier: | KEMET | |
| Application: | 175C | |
| Chip Size: | 1812 (4532 metric) | |
| Temperature Coefficient: | X7R | |
| Part Type Description: | SMD, MLCC, High Temperature, FT-Cap | |
| Termination Type: | Flexible Termination | |
| Marked: | No | |
| RoHS: | Yes | |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 4.5 | +/-0.4 |
| W | 3.2 | +/-0.3 |
| Т | 1.9 | +/-0.20 |
| В | 0.7 | +/-0.35 |

| Packaging Specifications | | |
|--------------------------|------|--|
| Package Kind: | Bulk | |
| Package Type: | Bag | |
| Package Quantity: | 1 | |

| Specifications | | |
|------------------------|--|--|
| Capacitance: | 1.5 uF | |
| Voltage: | 50 V | |
| Tolerance: | +/-10% | |
| Temperature Range: | -55/+175C | |
| Dissipation Factor: | 2.5% | |
| Failure Rate: | N/A | |
| Aging Rate: | 3% loss/decade hour | |
| Insulation Resistance: | 670 MOhm | |
| Dielectric Strength: | 125 V | |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours | |

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