

Capacitor, Tantalum, SMD, Polymer, Molded, Low ESR, Non-Combustible, 15 uF, 3216, +/-20% Tol, 10 VDC (105C)



| General Information | |
|------------------------|--|
| Supplier: | KEMET |
| Application: | Low ESR |
| Sub Application: | (NonCombustibleCathode) |
| Part Type Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Construction: | Standard Chip-Polymer |
| Body Type: | SMD Chip |
| Footprint: | 3216 |
| Weight: | 53.16 mg |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 3.2 | +/-0.2 |
| W | 1.6 | +/-0.2 |
| H | 1.6 | +/-0.2 |
| F | 1.2 | +/-0.1 |
| S | 0.8 | +/-0.3 |
| X | 0.1 | +/-0.1 |
| P | 0.4 | REF |
| R | 0.4 | REF |
| T | 0.13 | REF |
| A | 1.2 | MIN |

| Specifications | |
|-------------------------|-------------------------|
| Capacitance: | 15 uF |
| Tolerance: | +/-20% |
| Voltage: | 10 VDC (105C) |
| Temperature Range: | -55/+105C |
| Current/Ripple Current: | 1200 mAmps (100kHz 45C) |
| Current/Ripple Current: | 840 mAmps (85C) |
| Current/Ripple Current: | 570 mAmps (105C) |
| Resistance/ESR: | 80 mOhms (100kHz 25C) |
| Failure Rate: | N/A |
| Leakage Current: | 15 uA |
| Dissipation Factor: | 8% |

| Packaging Specifications | |
|--------------------------|-------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Quantity: | 2000 |

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