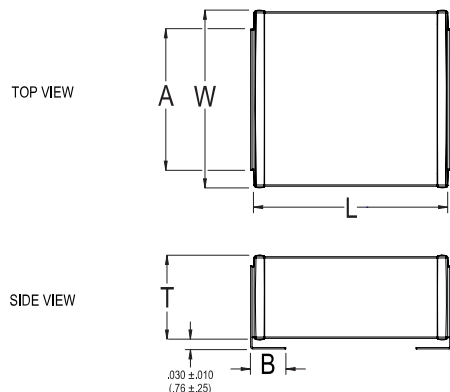


KEMET Part Number: SM21B104K501BM
(SM21B104K501M)



KPS SM SMD Indust X7R HV, Ceramic, 0.1 uF, 10%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Mil-Screen, SM21



| Dimensions | |
|------------|--------------------|
| Chip Size | SM21 |
| L | 5.08mm +/-0.508mm |
| W | 5.08mm +/-0.508mm |
| T | 4.572mm MAX |
| A | 2.54mm MAX |
| B | 1.016mm +/-0.254mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging: | Tray |
| Packaging Quantity: | 50 |

| General Information | |
|--------------------------|--|
| Series: | KPS SM SMD Indust X7R HV |
| Style: | SMD Chip |
| Description: | SMD, Fixed, High Volt, Low ESR, Leaded, Mil-Screen |
| Features: | Low ESR, Mil-Screen |
| RoHS: | With Exemptions |
| REACH: | SVHC (Pb – CAS 7439-92-1) |
| Termination: | Silver |
| Marking: | No |
| Testing and Reliability: | Level A |
| AEC-Q200: | No |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | |
|----------------------------------|------------|
| Capacitance: | 0.1 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 500 VDC |
| Dielectric Withstanding Voltage: | 750 VDC |
| Temperature Range: | -55/+125°C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 2.5% |
| Insulation Resistance: | 10 GOhms |
| Quality Factor: | 3 |

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