


KEMET Part Number: M3253506E2Z225KZMB
(C1210K225K3RML)

SMD MIL X7R PRF32535, Ceramic, Military/High Reliability, 2.2 uF, 10%, 25 VDC, X7R, SMD, Conformal, Military, Low ESR, MIL-PRF-32535, N/A, 1210



| Dimensions | |
|------------|---|
| L | 3.2mm +/-0.25mm (0.126 in +/-0.01 in) |
| W | 2.49mm +/-0.25mm (0.098 in +/-0.01 in) |
| T | 2.79mm MAX (0.11 in MAX) |
| B | 0.51mm +/-0.36mm (0.02 in +/-0.014 in) |

| Packaging Specifications | |
|--------------------------|--------|
| Weight: | 108 mg |
| Packaging: | Waffle |
| Packaging Quantity: | 80 |

| General Information | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | SMD MIL X7R PRF32535 |
| Style: | SMD Chip |
| Description: | SMD, Conformal, Military, Low ESR, MIL-PRF-32535 |
| RoHS: | No |
| Prop 65: |  WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov . |
| REACH: | SVHC (Pb – CAS 7439-92-1) |
| Termination: | Solder Plated |
| Failure Rate: | N/A |
| Qualifications: | MIL-PRF-32535 |
| Notes: | 2mm Pitch T&R packaging option will double quantity. Only for 0603 Chip Size |
| Chip Size: | 1210 |

| Specifications | |
|----------------------------------|---------------------|
| Capacitance: | 2.2 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 3.50% 1kHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 450 MOhms |