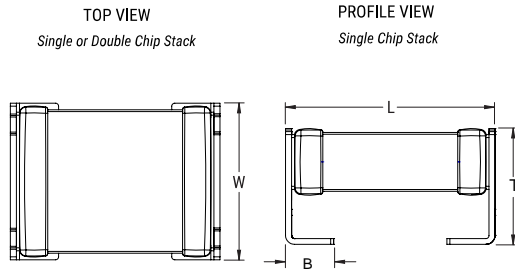


KPS SMD Comm X7R SnPb, Ceramic, 22 uF, 20%, 25 VDC, X7R, 2220-1



| Dimensions |                 |
|------------|-----------------|
| L          | 6mm +/-0.5mm    |
| W          | 5mm +/-0.5mm    |
| T          | 3.5mm +/-0.30mm |
| B          | 1.6mm +/-0.3mm  |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 300                      |

| General Information |   |
|---------------------|---|
| Series:             | KPS SMD Comm X7R SnPb   |
| Style:              | Stacked Chip  |
| Description:        | SMD, MLCC, Stacked, Single Chip, Temperature Stable   |
| Features:           | Temperature Stable  |
| RoHS:               | No  |
| Prop 65:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> . |
| REACH:              | SVHC (Pb – CAS 7439-92-1)   |
| SCIP Number:        | 795b247e-78a9-405c-8728-223c2d9782a2  |
| Termination:        | Lead (SnPb)   |
| AEC-Q200:           | No  |
| Chip Size:          | 2220-1  |
| Shelf Life:         | 78 Weeks  |
| MSL:                | 1   |

| Specifications  |   |
|---|---|
| Capacitance:  | 22 uF   |
| Measurement Condition:  | 120 Hz 0.5Vrms                                  |
| Capacitance Tolerance:  | 20%   |
| Voltage DC:   | 25 VDC  |
| Dielectric Withstanding Voltage:                                    | 62.5 VDC  |
| Temperature Range:  | -55/+125°C                                      |
| Temperature Coefficient:  | X7R   |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 15%, 120Hz 0.5Vrms                              |
| Dissipation Factor:   | 3.5% 120 Hz 0.5Vrms                             |
| Aging Rate:   | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance:  | 23 MOhms  |

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