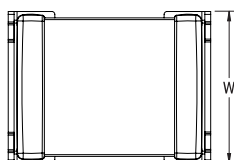
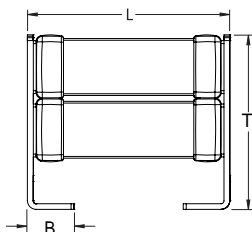


KPS SMD Auto X8L HT150C, Ceramic, Commercial Grade, 1 uF, 20%, 50 VDC, X8L, 1210-2

TOP VIEW  
 Single or Double Chip Stack



SIDE VIEW  
 Double Chip Stack



| Dimensions |                  |
|------------|------------------|
| L          | 3.5mm +/-0.3mm   |
| W          | 2.6mm +/-0.3mm   |
| T          | 6.15mm +/-0.15mm |
| B          | 0.8mm +/-0.15mm  |

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

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | KPS SMD Auto X8L HT150C  |
| Style:              | Stacked Chip   |
| Description:        | SMD, MLCC, Stacked, Double Chip, High Temperature, Automotive Grade      |
| Features:           | High Temperature, Automotive Grade                                       |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Qualifications:     | AEC-Q200   |
| AEC-Q200:           | Yes  |
| Miscellaneous:      | Note: Referee time for X8L dielectric for this part number is 1000 hours |
| Chip Size:          | 1210-2   |
| Shelf Life:         | 78 Weeks   |
| MSL:                | 1  |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 1 uF                |
| Capacitance Tolerance:           | 20%                 |
| Voltage DC:                      | 50 VDC              |
| Dielectric Withstanding Voltage: | 125 V               |
| Temperature Range:               | -55/+150C           |
| Temperature Coefficient:         | X8L                 |
| Dissipation Factor:              | 2.50% 1kHz 25C      |
| Aging Rate:                      | 3% Loss/Decade Hour |
| Insulation Resistance:           | 500 MOhms           |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.