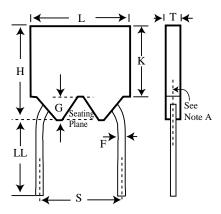
## KEMET Part Number: M39014/01-1455VTR

(C056T103K1X5CM7301, CKR05BX103KMVTR)



LDD Mil X7R PRF39014, Ceramic, Military/High Reliability, 0.01 uF, 10%, 100 VDC, BX, M (1%/1000 Hrs), Lead Spacing = 5.08mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 4.826mm +/-0.254mm      |
| Н          | 5.486mm +/-0.254mm      |
| Т          | 2.286mm +/-0.254mm      |
| S          | 5.08mm +/-0.381mm       |
| LL         | 31.75mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |
| G          | 0.66mm MIN              |
| K          | 4.826mm +/-0.254mm      |

| Packaging Specifications |                               |  |
|--------------------------|-------------------------------|--|
| Packaging:               | T&R, 305mm, Type I, H0 = 16mm |  |
| Packaging Quantity:      | 2000                          |  |

| General Information      |   |  |
|--------------------------|---|--|
| Supplier:                | KEMET   |  |
| Series:                  | LDD Mil X7R PRF39014  |  |
| Style:                   | Radial  |  |
| RoHS:                    | No  |  |
| Prop 65:                 | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.   |  |
| REACH:                   | SVHC (Pb – CAS 7439-92-1)   |  |
| Termination:             | Lead (SnPb)   |  |
| Failure Rate:            | M (1%/1000 Hrs)   |  |
| Testing and Reliability: | MIL-PRF-39014   |  |
| Qualifications:          | MIL-PRF-39014   |  |
| Notes:                   | Lead Length Shown Is For Parts<br>Supplied In Bulk, See Packaging<br>Specifications For Lead Lengths<br>When Not Provided In Bulk |  |

| Specifications                      |           |
|-------------------------------------|-----------|
| Capacitance:                        | 0.01 uF   |
| Capacitance Tolerance:              | 10%       |
| Voltage DC:                         | 100 VDC   |
| Dielectric Withstanding<br>Voltage: | 250 V     |
| Temperature Range:                  | -55/+125C |
| Temperature Coefficient:            | BX        |
| Dissipation Factor:                 | 2.50%     |
| Insulation Resistance:              | 100 GOhms |

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