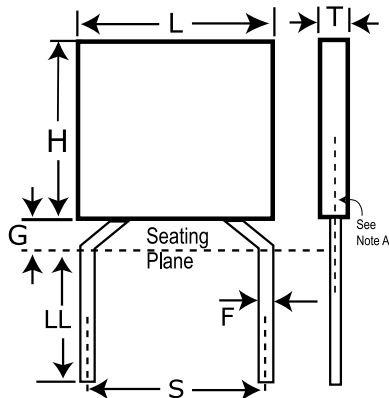


**KEMET Part Number: M39014/01-1207**  
(C052T220K2X5CM, CKR05BX220KM)

LDD Mil X7R PRF39014, Ceramic, Military/High Reliability, 22 pF, 10%, 200 VDC, BX, M (1%/1000 Hrs), Lead Spacing = 5.08mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 4.83mm +/-0.25mm        |
| H          | 4.83mm +/-0.25mm        |
| T          | 2.29mm +/-0.25mm        |
| S          | 5.08mm +/-0.38mm        |
| LL         | 31.75mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |
| G          | 1.143mm MAX             |
| K          | 4.826mm +/-0.254mm      |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 100       |

| General Information      |  |
|--------------------------|--|
| Supplier:                | KEMET  |
| Series:                  | LDD Mil X7R PRF39014   |
| Style:                   | Radial   |
| 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)  |
| 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 Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk |

| Specifications                   |           |
|----------------------------------|-----------|
| Capacitance:                     | 22 pF     |
| Capacitance Tolerance:           | 10%       |
| Voltage DC:                      | 200 VDC   |
| Dielectric Withstanding Voltage: | 500 V     |
| Temperature Range:               | -55/+125C |
| Temperature Coefficient:         | BX        |
| Dissipation Factor:              | 2.50%     |
| Insulation Resistance:           | 100 GOhms |