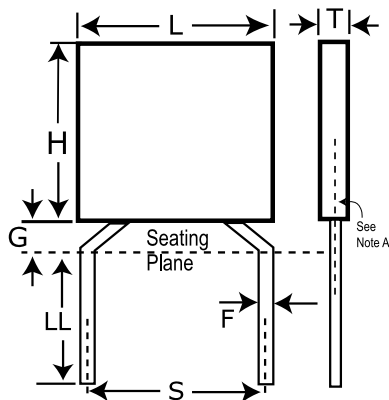


**KEMET Part Number: CK05BX153K**  
(C052K153K5X5CA)

LDD Mil X7R C11015, Ceramic, Military/High Reliability, 0.015 uF, 10%, 50 V, BX, N/A, 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 C11015   |
| Style:                   | Radial   |
| RoHS:                    | No   |
| Termination:             | Lead (SnPb)  |
| Failure Rate:            | N/A  |
| Testing and Reliability: | MIL-PRF-11015  |
| Approvals:               | MIL-PRF-11015  |
| Notes:                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk |

| Specifications                   |            |
|----------------------------------|------------|
| Capacitance:                     | 0.015 uF   |
| Capacitance Tolerance:           | 10%        |
| Voltage DC:                      | 50 VDC     |
| Dielectric Withstanding Voltage: | 125 V      |
| Temperature Range:               | -55/+125C  |
| Temperature Coefficient:         | BX         |
| Dissipation Factor:              | 2.5%       |
| Insulation Resistance:           | 66.7 GOhms |