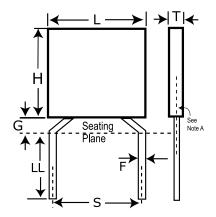
## KEMET Part Number: CK05BX182K

(C052K182K1X5CA)



## LDD Mil X7R C11015, Ceramic, Military/High Reliability, 1800 pF, 10%, 100 VDC, BX, N/A, Lead Spacing = 5.08mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 4.83mm +/-0.25mm        |
| Н          | 4.83mm +/-0.25mm        |
| Т          | 2.29mm +/-0.25mm        |
| S          | 5.08mm +/-0.38mm        |
| LL         | 31.75mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |
| G          | 1.143mm MAX             |
| К          | 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   |
| Qualifications:          | MIL-PRF-11015   |
| 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:                        | 1800 pF   |  |
| Capacitance Tolerance:              | 10%       |  |
| Voltage DC:                         | 100 VDC   |  |
| Dielectric Withstanding<br>Voltage: | 250 V     |  |
| Temperature Range:                  | -55/+125C |  |
| Temperature Coefficient:            | BX        |  |
| Dissipation Factor:                 | 2.5%      |  |
| Insulation Resistance:              | 100 GOhms |  |

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