

**KEMET Part Number: CK05BX563K**  
(C052K563K5X5CA)

**KEMET**  
a YAGEO company

LDD Mil X7R C11015, Ceramic, 0.056 uF, 10%, 50 VDC, 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

|                          |   |
|--------------------------|---|
| Series:                  | LDD Mil X7R C11015  |
| 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> .       |
| SCIP Number:             | 8c864fd1-202b-4ce7-85fd-56c9e19121ad  |
| Termination:             | Lead (SnPb)   |
| Failure Rate:            | N/A   |
| Testing and Reliability: | MIL-PRF-11015   |
| Qualifications:          | MIL-PRF-11015   |
| AEC-Q200:                | No  |
| Notes:                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk. |

### Specifications

|                                  |            |
|----------------------------------|------------|
| Capacitance:                     | 0.056 uF   |
| Capacitance Tolerance:           | 10%        |
| Voltage DC:                      | 50 VDC     |
| Dielectric Withstanding Voltage: | 125 VDC    |
| Temperature Range:               | -55/+125°C |
| Temperature Coefficient:         | BX         |
| Dissipation Factor:              | 2.5%       |
| Insulation Resistance:           | 17.9 GOhms |

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