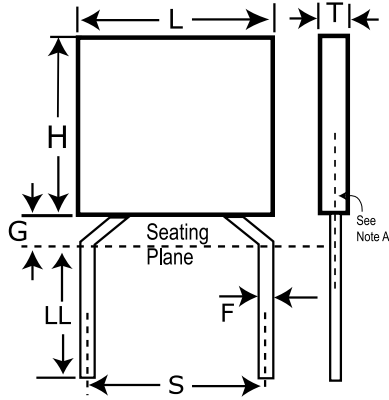


**KEMET Part Number: CK05BX563K**  
(C052K563K5X5CA)



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> .       |
| REACH:                   | SVHC (Pb – CAS 7439-92-1)                                                                                                 |
| 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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