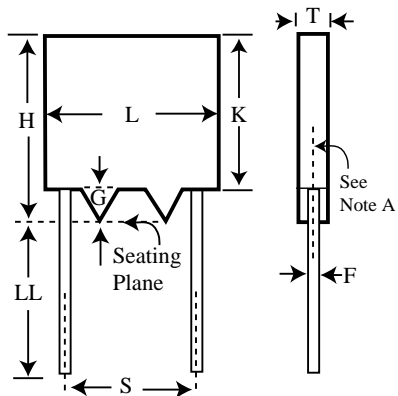


**KEMET Part Number: M39014/02-1316V**  
(C066T224K5X5CR, CKR06BX224KRV)

LDD Mil X7R PRF39014, Ceramic, Military/High Reliability, 0.22 uF, 10%, 50 VDC, BX, R (0.01%/1000 Hrs), Lead Spacing = 5.08mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 7.366mm +/-0.254mm      |
| H          | 8.026mm NOM             |
| T          | 2.286mm +/-0.254mm      |
| S          | 5.08mm +/-0.381mm       |
| LL         | 31.75mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |
| G          | 0.66mm MIN              |
| K          | 7.366mm +/-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:            | R (0.01%/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:                     | 0.22 uF   |
| Capacitance Tolerance:           | 10%       |
| Voltage DC:                      | 50 VDC    |
| Dielectric Withstanding Voltage: | 125 V     |
| Temperature Range:               | -55/+125C |
| Temperature Coefficient:         | BX        |
| Dissipation Factor:              | 2.50%     |
| Insulation Resistance:           | 4.5 GOhms |

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