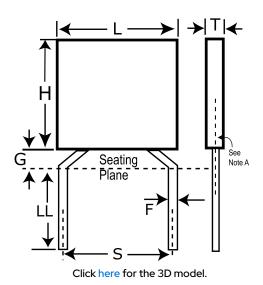


## M39014/01-1574

Aliases (C052T822K1X5CS, CKR05BX822KS) LDD Mil X7R PRF39014, Ceramic, 8,200 pF, 10%, 100 VDC, BX, S (0.001%/1000 Hrs), 5.08 mm



| General Information     |  |
|-------------------------|--|
| Series                  | LDD Mil X7R PRF39014   |
| Style                   | Radial   |
| RoHS                    | No   |
| Prop 65                 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /   |
| SCIP Number             | 8c864fd1-202b-4ce7-85fd-56c<br>9e19121ad   |
| Termination             | Lead (SnPb)  |
| Lead                    | Hockey Stick   |
| Failure Rate            | S (0.001%/1000 Hrs)  |
| Testing and Reliability | MIL-PRF-39014  |
| Qualifications          | MIL-PRF-39014  |
| AEC-Q200                | No   |
| Notes                   | Lead Length Shown Is For Parts<br>Supplied In Bulk, See Packaging<br>Specifications For Lead Lengths<br>When Not Provided In Bulk. |

| 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             |

| Specifications                  |            |
|---------------------------------|------------|
| Capacitance                     | 8,200 pF   |
| Tolerance                       | 10%        |
| Voltage DC                      | 100 VDC    |
| Dielectric Withstanding Voltage | 250 VDC    |
| Temperature Range               | -55/+125°C |
| Temp. Coefficient               | BX         |
| Dissipation Factor              | 2.5%       |
| Insulation Resistance           | 100 GOhms  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 100       |

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