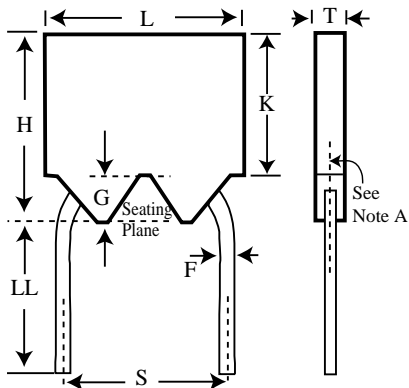


KEMET Part Number: CKR05BX104KSV
(C056T104K5X5CS, M39014/01-1593V)

LDD Mil X7R PRF39014, Ceramic, Military/High Reliability, 0.1 uF, 10%, 50 VDC, BX, S (0.001%/1000 Hrs), Lead Spacing = 5.08mm



| General Information | |
|--------------------------|--|
| Supplier: | KEMET |
| Series: | LDD Mil X7R PRF39014 |
| Style: | Radial |
| RoHS: | No |
| Termination: | Lead (SnPb) |
| Failure Rate: | S (0.001%/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 |

| Dimensions | |
|------------|-------------------------|
| L | 4.826mm +/-0.254mm |
| H | 5.486mm +/-0.254mm |
| 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 | 4.826mm +/-0.254mm |

| Specifications | |
|----------------------------------|-----------|
| Capacitance: | 0.1 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | BX |
| Dissipation Factor: | 2.5% |
| Insulation Resistance: | 10 GOhms |

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