

KEMET Part Number: MMK5102K63J01L4BULK
(F601JF102K063C)

Capacitor, film, Metallized Polyester, 1000 pF, +/-10% Tol, -55/+100C, General Purpose, 63 VDC@85C, Lead Spacing=5 mm, Not For New Design, Please Check Possible Alternative Parts (AltPart)



| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 7.2 | MAX |
| H | 6.5 | MAX |
| T | 2.5 | MAX |
| S | 5 | +/-0.4 |
| LL | 5 | NOM |
| F | 0.5 | NOM |

| Packaging Specifications | |
|--------------------------|------|
| Package Kind: | Bulk |
| Package Quantity: | 2000 |

| General Information | |
|---------------------|----------------------|
| Supplier: | KEMET |
| Dielectric: | Metallized Polyester |
| Application: | General Purpose |
| Style: | Radial Box |
| Lead Form: | Wire Leads |
| Features: | Pulse |
| RoHS: | Yes |

| Specifications | |
|------------------------------|---|
| Capacitance: | 1000 pF |
| Voltage: | 63 VDC |
| Tolerance: | +/-10% |
| Voltage AC: | 40 VAC |
| Voltage: | 48.8 VDC (100C) |
| Rated Temperature: | 85C |
| Temperature Range: | -55/+100C |
| Dissipation Factor @ 1 kHz: | 0.8% |
| Dissipation Factor @ 10 kHz: | 1.2% |
| Dissipation Factor @ 100kHz: | 2.5% |
| Insulation Resistance: | 15 GOhm |
| Inductance: | 6 |
| Maximum dVdT: | 25 v/us |
| Miscellaneous: | Not For New Design, Please Check Possible Alternative Parts (AltPart) |