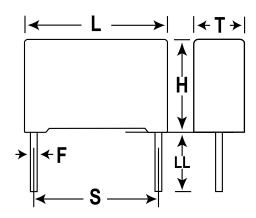
KEMET Part Number: R82DC3680Z360J



Capacitor, film, Metallized Polyester (Stacked), 0.68 uF, +/-5% Tol, -55/+105C, General Purpose, 63 VDC@85C, Lead Spacing=5 mm



| Supplier: KEMET Dielectric: Metallized Polyester (Stacked) Application: General Purpose Sub Application: AEC-Q200 Style: Radial Box Lead Form: Wire Leads | | |
|--|------------------|--------------------------------|
| Application: General Purpose Sub Application: AEC-Q200 Style: Radial Box | Supplier: | KEMET |
| Sub Application: AEC-Q200 Style: Radial Box | Dielectric: | Metallized Polyester (Stacked) |
| Style: Radial Box | Application: | General Purpose |
| | Sub Application: | AEC-Q200 |
| Lead Form: Wire Leads | Style: | Radial Box |
| | Lead Form: | Wire Leads |
| Features: Pulse | Features: | Pulse |
| RoHS: Yes | RoHS: | Yes |

General Information

| Dimensions (mm) | | | |
|-----------------|-----------|-----------|--|
| Symbol | Dimension | Tolerance | |
| L | 7.2 | +0.3 | |
| Н | 9.5 | +0.1 | |
| T | 4.5 | +0.1 | |
| S | 5 | +/-0.4 | |
| LL | 17 | +1/-2 | |
| F | 0.5 | +/-0.05 | |

| Specifications | | |
|------------------------------|--|--|
| Capacitance: | 0.68 uF | |
| Voltage: | 63 VDC | |
| Tolerance: | +/-5% | |
| Voltage AC: | 40 VAC | |
| Rated Temperature: | 85C | |
| Temperature Range: | -55/+105C | |
| Dissipation Factor @ 1 kHz: | 0.8% | |
| Dissipation Factor @ 10 kHz: | 1.2% | |
| Insulation Resistance: | 7.35 GOhm | |
| Inductance: | 7 | |
| Maximum dVdT: | 160 v/us | |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C | |

| Packaging S | pecifications |
|-------------------|---------------|
| Package Kind: | Bulk |
| Package Quantity: | 2000 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

