## KEMET Part Number: R75GR51004000J

(75GR51004000J)



Capacitor, film, Metallized Polypropylene, 10 uF, +/-5% Tol, -55/+105C, General Purpose, 160 VDC@85C, Lead Spacing=27.5 mm



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 32        | +0.3      |  |
| Н               | 37        | +0.1      |  |
| Т               | 22        | +0.2      |  |
| S               | 27.5      | +/-0.4    |  |
| LL              | 30        | +5        |  |
| F               | 0.8       | +/-0.05   |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Quantity:        | 112  |  |

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

| Specifications              |  |  |
|-----------------------------|--|--|
| Capacitance:                | 10 uF  |  |
| Voltage:                    | 160 VDC  |  |
| Tolerance:                  | +/-5%  |  |
| Voltage AC:                 | 90 VAC   |  |
| Rated Temperature:          | 85C  |  |
| Temperature Range:          | -55/+105C  |  |
| Dissipation Factor @ 1 kHz: | 0.1%   |  |
| Insulation Resistance:      | 3 GOhm   |  |
| Inductance:                 | 18   |  |
| Maximum dVdT:               | 50 v/us  |  |
| Miscellaneous:              | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C |  |

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