## KEMET Part Number: R75PR4100AA30K

(75PR4100AA30K)



## Capacitor, film, 1 uF, +/-10% Tol, -55/+105C, Pulse, 630V@85C, Lead Spacing=27.5 mm



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 32        | +0.3      |  |
| Н               | 22        | +0.1      |  |
| Т               | 13        | +0.2      |  |
| S               | 27.5      | +/-0.4    |  |
| LL              | 4         | +2        |  |
| F               | 0.8       | +/-0.05   |  |

| General Information       |   |  |
|---------------------------|---|--|
| Supplier:                 | KEMET   |  |
| Miscellaneous Electrical: | Not for new design. Use<br>F461FI105K630C (series F461) |  |

| Specifications               |                          |  |
|------------------------------|--------------------------|--|
| Capacitance:                 | 1 uF                     |  |
| Rated Temperature:           | 85C                      |  |
| Voltage @ rated temp:        | 630V                     |  |
| Voltage AC:                  | 250VAC                   |  |
| Tolerance:                   | +/-10%                   |  |
| Body Type:                   | Radial Box               |  |
| Dielectric:                  | Metallized Polypropylene |  |
| Application:                 | Pulse                    |  |
| Temperature Range:           | -55/+105C                |  |
| Dissipation Factor @ 1 kHz:  | 0.05%                    |  |
| Dissipation Factor @ 10 kHz: | 0.08%                    |  |
| Insulation Resistance:       | 30 GOhm                  |  |
| Inductance:                  | 18 nH                    |  |
| Maximum dVdT:                | 180v/us                  |  |
| Maximum K0:                  | 227000V^2/us             |  |

| N  | otes |    |
|----|------|----|
| 11 | ULES | ١. |

-L,H,T are nominal dimensions and do not imply a minimum.

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Type:            | Bag  |  |
| Package Quantity:        | 480  |  |

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