

**KEMET Part Number: R75MR4220AA40J**  
(75MR4220AA40J)



R75, Film, Metallized Polypropylene, General Purpose, 2.2 uF, 5%, 400 VDC, 85°C, Lead Spacing = 27.5mm



| General Information |                                                  |
|---------------------|--------------------------------------------------|
| Series:             | R75                                              |
| Dielectric:         | Metallized Polypropylene                         |
| Style:              | Radial                                           |
| Features:           | Pulse                                            |
| RoHS:               | Yes                                              |
| Lead:               | Cut                                              |
| AEC-Q200:           | No                                               |
| Component Weight:   | 10.98 g                                          |
| Miscellaneous:      | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| H          | 25mm +0.1/-0.7mm |
| T          | 13mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 4mm +2mm         |
| F          | 0.8mm +/-0.05mm  |

| Specifications         |                                         |
|------------------------|-----------------------------------------|
| Capacitance:           | 2.2 uF                                  |
| Capacitance Tolerance: | 5%                                      |
| Voltage AC:            | 220 VAC                                 |
| Voltage DC:            | 400 VDC                                 |
| Temperature Range:     | -55/+105°C                              |
| Rated Temperature:     | 85°C                                    |
| Dissipation Factor:    | 0.06% 1kHz                              |
| Insulation Resistance: | 13.6364 GOhms                           |
| Max dV/dt:             | 130 V/us                                |
| Resistance:            | 3.6 mOhms (100KHz)                      |
| Ripple Current:        | 9.98 Amps (100kHz 85C), 286 Amps (Peak) |
| Inductance:            | 18 nH                                   |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | Tray |
| Packaging Quantity:      | 480  |

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