

**KEMET Part Number: PHE450MD6220JR06L2** **Not for New Design**  
(F450DM224J630Z)

PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.22 uF, 5%, 630 VDC, 85°C, Lead Spacing = 22.5mm



| General Information |   |
|---------------------|---|
| Series:             | PHE450/F450   |
| Dielectric:         | Double Metallized Polypropylene   |
| Style:              | Radial  |
| Features:           | Pulse   |
| RoHS:               | Yes   |
| Lead:               | Wire Leads  |
| AEC-Q200:           | No  |
| Miscellaneous:      | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 50 C/W (85C), 0.2 m/s |

| Dimensions |                    |
|------------|--------------------|
| L          | 26mm MAX           |
| H          | 18.5mm MAX         |
| T          | 9mm MAX            |
| S          | 22.5mm +0.4/-0.4mm |
| LL         | 18.5mm +0.5mm      |
| F          | 0.8mm +/-0.05mm    |
| G          | 0.5mm NOM          |

| Specifications         |                                 |
|------------------------|---------------------------------|
| Capacitance:           | 0.22 uF                         |
| Capacitance Tolerance: | 5%                              |
| Voltage AC:            | 400 VAC                         |
| Voltage DC:            | 630 VDC (85C), 466.2 VDC (105C) |
| Temperature Range:     | -55/+105°C                      |
| Rated Temperature:     | 85°C                            |
| Dissipation Factor:    | 0.03% 1kHz, 0.06% 10kHz         |
| Insulation Resistance: | 136.364 GOhms                   |
| Max dV/dt:             | 1800 V/us                       |
| Inductance:            | 6 nH                            |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | Pizza, Box |
| Packaging Quantity:      | 308        |

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