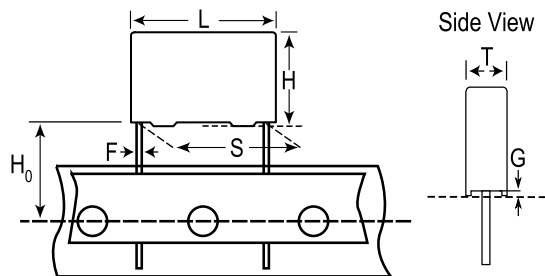


KEMET Part Number: PHE450MF6680JR17T1 Not for New Design
(F450FM684J630P)

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PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 630 VDC, 85°C, Lead Spacing = 27.5mm



| General Information | |
|---------------------|--|
| Series: | PHE450/F450 |
| Dielectric: | Double Metallized Polypropylene |
| Style: | Radial |
| Features: | Pulse |
| RoHS: | Yes |
| Lead: | Wire Leads |
| AEC-Q200: | No |
| Component Weight: | 13.05 g |
| Miscellaneous: | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthja= 33 C/W (85C), 0.2 m/s. |

| Dimensions | |
|----------------|--------------------|
| L | 31.5mm -0.7mm |
| H | 24.5mm -0.7mm |
| T | 14.5mm -0.7mm |
| S | 27.5mm +0.4/-0.4mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

| Specifications | |
|------------------------|---------------------------------|
| Capacitance: | 0.68 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: | 44.118 GOhms |
| Max dV/dt: | 1100 V/us |
| Inductance: | 6 nH |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | T&R, Large |
| Packaging Quantity: | 250 |

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