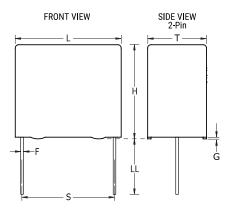
KEMET Part Number: PHE450PK3680JR05

(F450KG681J1K0C)



PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 680 pF, 5%, 1000 VDC, 85C, Lead Spacing = 7.5mm



| General Information | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | PHE450/F450 |
| Dielectric: | Double Metallized Polypropylene |
| Style: | Radial |
| Features: | Pulse |
| RoHS: | Yes |
| Lead: | Wire Leads |
| Miscellaneous: | The Rated Voltage Decreases 1.3%/C Between +85C And +105C. Rthha= 160 C/W (85C), 0.2 m/s |

| Dimensions | |
|------------|-----------------|
| L | 10mm MAX |
| Н | 8mm MAX |
| Т | 4mm MAX |
| S | 7.5mm +/-0.4mm |
| LL | 5mm -1mm |
| F | 0.6mm +/-0.05mm |
| G | 0.5mm NOM |

| Dealersing Considerations | | |
|---------------------------|-----------|--|
| Packaging Specifications | | |
| Packaging: | Bulk, Bag | |
| Packaging Quantity: | 1000 | |

| Specifications | |
|------------------------|--|
| Capacitance: | 680 pF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 375 VAC |
| Voltage DC: | 1000 VDC (85C), 740 VDC (105C) |
| Temperature Range: | -55/+105C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 0.03% 1kHz, 0.04% 10kHz, 0.15% 100kHz |
| Insulation Resistance: | 44117.647 GOhms |
| Max dV/dt: | 2000 V/us |
| Inductance: | 6 nH |

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