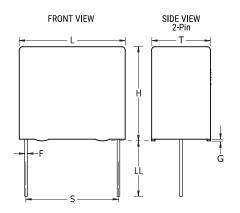
## KEMET Part Number: PHE450MK3820JR05

(F450KG821J630C)



PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 820 pF, 5%, 630 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<br>1.3%/C Between +85C And<br>+105C. Rthha= 160 C/W (85C),<br>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       |

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

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 820 pF                                   |
| Capacitance Tolerance: | 5%                                       |
| Voltage AC:            | 300 VAC                                  |
| Voltage DC:            | 630 VDC (85C), 466.2 VDC<br>(105C)       |
| Temperature Range:     | -55/+105C                                |
| Rated Temperature:     | 85C                                      |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz,<br>0.15% 100kHz |
| Insulation Resistance: | 36585.366 GOhms                          |
| Max dV/dt:             | 2000 V/us                                |
| Inductance:            | 6 nH                                     |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

