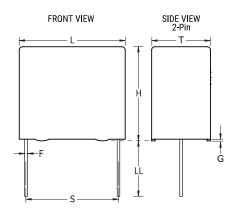
## KEMET Part Number: PHE450HA6100JR20

(F450AP104J250ALL0L)



PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 250 VDC, 85C, Lead Spacing = 10mm



| 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= 105 C/W (85C),<br>0.2 m/s |

| Dimensions |                 |
|------------|-----------------|
| L          | 13mm MAX        |
| Н          | 12mm MAX        |
| Т          | 6mm MAX         |
| S          | 10mm +/-0.4mm   |
| LL         | 20mm +5mm       |
| F          | 0.6mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 600       |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 0.1 uF                                   |
| Capacitance Tolerance: | 5%                                       |
| Voltage AC:            | 180 VAC                                  |
| Voltage DC:            | 250 VDC (85C), 185 VDC (105C)            |
| Temperature Range:     | -55/+105C                                |
| Rated Temperature:     | 85C                                      |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz,<br>0.15% 100kHz |
| Insulation Resistance: | 300 GOhms                                |
| Max dV/dt:             | 700 V/us                                 |
| Inductance:            | 6 nH                                     |

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