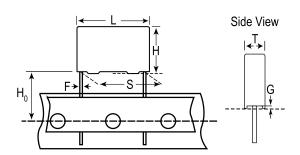
## KEMET Part Number: PHE450PD5220JR17T1

(F450DD223J1K0P)



PHE450/F450, Film, Double Metallized Polypropylene, General Purpose, 0.022 uF, 5%, 1000 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= 58 C/W (85C), 0.2 m/s. |

| Dimensions |                    |
|------------|--------------------|
| L          | 26mm -0.5mm        |
| Н          | 14.5mm -0.5mm      |
| Т          | 6.5mm -0.5mm       |
| S          | 22.5mm +0.4/-0.4mm |
| Н0         | 18.5mm +/-0.5mm    |
| F          | 0.8mm +/-0.05mm    |
| G          | 0.5mm NOM          |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, Large |
| Packaging Quantity:      | 600        |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 0.022 uF                                 |
| Capacitance Tolerance: | 5%                                       |
| Voltage AC:            | 600 VAC                                  |
| Voltage DC:            | 1000 VDC (85C), 740 VDC (105C)           |
| Temperature Range:     | -55/+105°C                               |
| Rated Temperature:     | 85°C                                     |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz,<br>0.15% 100kHz |
| Insulation Resistance: | 100 GOhms                                |
| Max dV/dt:             | 1800 V/us                                |
| Inductance:            | 6 nH                                     |

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