

**KEMET Part Number: PME278RA4100MR30**  
(P278HE102M440A)

PME278/P278, Film, Metallized Paper, Safety, 1000 pF, 20%, 440 VAC (X1), 1000 VDC, 110C, Lead Spacing = 10.2mm



**Dimensions**

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 13.5mm MAX      |
| <b>H</b>  | 7.5mm MAX       |
| <b>T</b>  | 3.9mm MAX       |
| <b>S</b>  | 10.2mm +/-0.4mm |
| <b>LL</b> | 30mm +5mm       |
| <b>F</b>  | 0.6mm +/-0.05mm |

**Packaging Specifications**

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 1000      |

**General Information**

|                        |  |
|------------------------|--|
| <b>Supplier:</b>       | KEMET  |
| <b>Series:</b>         | PME278/P278  |
| <b>Dielectric:</b>     | Metallized Paper   |
| <b>Style:</b>          | Radial   |
| <b>Features:</b>       | EMI Safety   |
| <b>RoHS:</b>           | Yes  |
| <b>Lead:</b>           | Wire Leads   |
| <b>Qualifications:</b> | ENEC   |
| <b>AEC-Q200:</b>       | No   |
| <b>Construction:</b>   | Molded   |
| <b>Miscellaneous:</b>  | SRF= 53 MHz  |
| <b>Notes:</b>          | Not For New Design, Please Use The New P278 Series @ 480 VAC |

**Specifications**

|                               |              |
|-------------------------------|--------------|
| <b>Capacitance:</b>           | 1000 pF      |
| <b>Capacitance Tolerance:</b> | 20%          |
| <b>Voltage AC:</b>            | 440 VAC (X1) |
| <b>Voltage DC:</b>            | 1000 VDC     |
| <b>Temperature Range:</b>     | -40/+110C    |
| <b>Rated Temperature:</b>     | 110C         |
| <b>Dissipation Factor:</b>    | 1.3% 1kHz    |
| <b>Insulation Resistance:</b> | 12 GOhms     |
| <b>Max dV/dt:</b>             | 2000 V/us    |
| <b>Safety Class:</b>          | X1           |