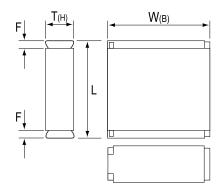
KEMET Part Number: SMC10.2 474J50A31 TR16

(F125WP474J050V, SMC100ZA6470JA31T1)



Capacitor, Film, Metallized PPS, 0.47 uF, +/-5% Tol, General Purpose, 50 VDC@100C



Note: '()' correspond to the letters used in the product bulletin

| Dimensions (mm) | | | |
|-----------------|-----------|-----------|--|
| Symbol | Dimension | Tolerance | |
| L | 10.2 | +/-0.2 | |
| W | 9.1 | +/-0.2 | |
| т | 5.5 | +/-0.2 | |
| F | 0.5 | NOM | |

| Packaging Specifications | | |
|--------------------------|----------|--|
| Package Kind: | T&R | |
| Package Size: | Standard | |
| Package Quantity: | 800 | |

| General Information | | |
|---------------------|-----------------|--|
| Supplier: | KEMET | |
| Dielectric: | Metallized PPS | |
| Application: | General Purpose | |
| Sub Application: | HighStability | |
| Style: | Surface Mount | |
| Chip Size: | 4036 | |
| Features: | High Stability | |
| RoHS: | Yes | |

| Specifications | | |
|------------------------------|------------|--|
| Capacitance: | 0.47 uF | |
| Voltage: | 50 VDC | |
| Tolerance: | +/-5% | |
| Voltage AC: | 30 VAC | |
| Rated Temperature: | 100C | |
| Temperature Range: | -55/+125C | |
| Dissipation Factor @ 1 kHz: | 0.15% | |
| Dissipation Factor @ 10 kHz: | 0.25% | |
| Dissipation Factor @ 100kHz: | 0.6% | |
| Insulation Resistance: | 10.64 GOhm | |
| Maximum dVdT: | 4 v/us | |

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.

