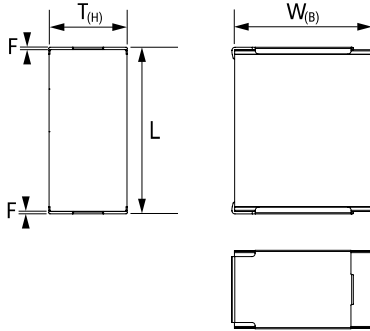


**KEMET Part Number: SMC10.2564H50A31TR16**  
(F125WP564R050V)



SMC/F125, Film, Metallized PPS, General Purpose, 0.56 uF, 2.5%, 30 VAC, 50 VDC, 100°C, 4036, 5.5mm



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

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 4036            |
| L          | 10.2mm +/-0.2mm |
| W          | 9.1mm +/-0.2mm  |
| T          | 5.5mm +/-0.2mm  |
| F          | 0.5mm NOM       |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging:               | T&R |
| Packaging Quantity:      | 800 |

| General Information |                |
|---------------------|----------------|
| Series:             | SMC/F125       |
| Dielectric:         | Metallized PPS |
| Style:              | SMD Chip       |
| Features:           | High Stability |
| RoHS:               | Yes            |
| AEC-Q200:           | No             |
| Shelf Life:         | 104 Weeks      |
| MSL:                | 2              |

| Specifications         |                                      |
|------------------------|--------------------------------------|
| Capacitance:           | 0.56 uF                              |
| Capacitance Tolerance: | 2.5%                                 |
| Voltage AC:            | 30 VAC                               |
| Voltage DC:            | 50 VDC                               |
| Temperature Range:     | -55/+125°C                           |
| Rated Temperature:     | 100°C                                |
| Dissipation Factor:    | 0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz |
| Insulation Resistance: | 8.9286 GOhms                         |
| Max dV/dt:             | 4 V/us                               |

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