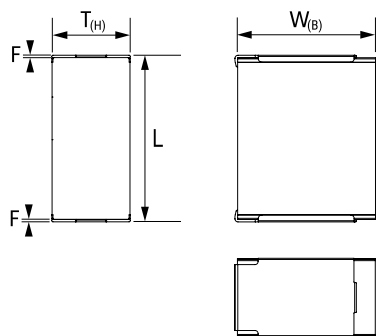


KEMET Part Number: GPC10.2683M100A31BULK  
(F117WP683M100A)



GPC/F117, Film, Double Metallized PEN, General Purpose, 0.068 uF, 20%, 63 VAC, 100 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:               | Bulk, Bag |
| Packaging Quantity:      | 1000      |

| General Information |                       |
|---------------------|-----------------------|
| Series:             | GPC/F117              |
| Dielectric:         | Double Metallized PEN |
| Style:              | SMD Chip              |
| RoHS:               | Yes                   |
| AEC-Q200:           | No                    |
| Shelf Life:         | 104 Weeks             |
| MSL:                | 3                     |

| Specifications         |                                |
|------------------------|--------------------------------|
| Capacitance:           | 0.068 uF                       |
| Capacitance Tolerance: | 20%                            |
| Voltage AC:            | 63 VAC                         |
| Voltage DC:            | 100 VDC                        |
| Temperature Range:     | -55/+125°C                     |
| Rated Temperature:     | 100°C                          |
| Dissipation Factor:    | 0.6% 1kHz, 1% 10kHz, 2% 100kHz |
| Insulation Resistance: | 10 GOhms                       |
| Max dV/dt:             | 600 V/us                       |

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