

**KEMET Part Number: GPC10.2682K160A31TR16**  
(F117WP682K160V)



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GPC/F117, Film, Double Metallized PEN, General Purpose, 6800 pF, 10%, 100 VAC, 160 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:	GPC/F117
Dielectric:	Double Metallized PEN
Style:	SMD Chip
RoHS:	Yes
AEC-Q200:	No
Shelf Life:	104 Weeks
MSL:	3

Specifications	
Capacitance:	6800 pF
Capacitance Tolerance:	10%
Voltage AC:	100 VAC
Voltage DC:	160 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	100°C
Dissipation Factor:	0.6% 1kHz, 1% 10kHz, 2% 100kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	800 V/us

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