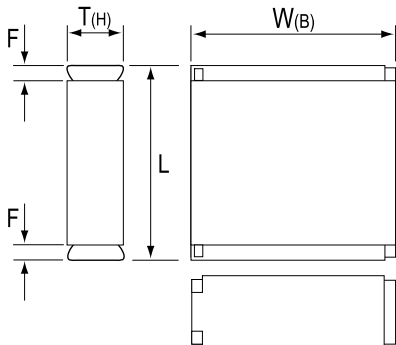


KEMET Part Number: SMC10.2683G250A31TR16
(F125WP683G250V, SMC100HA5680GA31T1)

SMC/F125, Film, Metallized PPS, General Purpose, 0.068 uF, 2%, 160 VAC, 250 VDC, 100C, 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	
Supplier:	KEMET
Series:	SMC/F125
Dielectric:	Metallized PPS
Style:	SMD Chip
Features:	High Stability
RoHS:	Yes

Specifications	
Capacitance:	0.068 uF
Capacitance Tolerance:	2%
Voltage AC:	160 VAC
Voltage DC:	250 VDC
Temperature Range:	-55/+125C
Rated Temperature:	100C
Dissipation Factor:	0.15% 1kHz, 0.25% 10kHz, 0.5% 100kHz
Insulation Resistance:	30 GOhms
Max dV/dt:	10 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.