

## F161PL103K050V

Obsolete

F161, Film, Metallized Polyester Stacked, Automotive Grade, 0.01 uF, 10%, 30 VAC, 50 VDC, 100°C, 2220, 2.5mm



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

### General Information

Series	F161
Dielectric	Metallized Polyester Stacked
Style	SMD Chip
Features	Automotive Grade
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	This Capacitor Is Currently Under Development, Please Contact KEMET For Availability.
Shelf Life	104 Weeks
MSL	3

### Specifications

Capacitance	0.01 uF
Capacitance Tolerance	10%
Voltage AC	30 VAC
Voltage DC	50 VDC
Temperature Range	-55/+100°C
Rated Temperature	100°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance	1 GOhms
Max dV/dt	40 V/us

### Dimensions

Chip Size	2220
L	5.7mm +/-0.2mm
W	5mm +/-0.2mm
T	2.5mm +/-0.2mm
F	0.5mm NOM

### Packaging Specifications

Packaging	T&R
Packaging Quantity	3100

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.