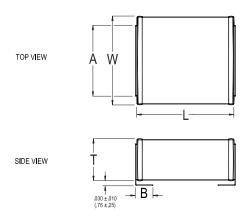
## KEMET Part Number: SM36N682K502B

(SM36N682K502)



KPS SM SMD Indust C0G HV, Ceramic, 6800 pF, 10%, 5000 VDC, C0G, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM36



Dimensions		
Chip Size	SM36	
L	34.29mm +/-0.762mm	
W	15.24mm +/-0.762mm	
Т	5.588mm MAX	
Α	12.7mm MAX	
В	2.54mm +/-0.508mm	

Packaging Specifications		
Packaging:	Tray	
Packaging Quantity:	10	

General Information		
Series:	KPS SM SMD Indust C0G HV	
Style:	SMD Chip	
Description:	SMD, Fixed, High Volt, Low ESR, Leaded, Industrial	
Features:	High Voltage, Low ESR, Industrial Grade	
RoHS:	With Exemptions	
REACH:	SVHC (Pb – CAS 7439-92-1)	
Termination:	Silver	
Marking:	No	
AEC-Q200:	No	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	6800 pF	
Capacitance Tolerance:	10%	
Voltage DC:	5000 VDC	
Dielectric Withstanding Voltage:	6000 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.15%	
Insulation Resistance:	100 GOhms	

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