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General Information

Series	KPS SM SMD Indust X7R HV
Style	Stacked 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
AEC-Q200	No
Chip Size	SM36
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	10000 VDC
Dielectric Withstanding Voltage	12,000 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	100 GOhms

Dimensions

L	34.29mm +/-0.762mm
W	15.24mm +/-0.762mm
T	5.588mm MAX
A	12.7mm MAX
B	2.54mm +/-0.508mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	10

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