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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
Shelf Life	78 Weeks
MSL	1

Dimensions

L	33mm +/-0.76mm
W	15.2mm +/-0.76mm
T	5.59mm MAX
A	12.7mm MAX
B	2.54mm +/-0.51mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	10

Specifications

Capacitance	5.6 uF
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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	178.5714 MOhms

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