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General Information

Series	KPS SMD Comm X7R HV
Style	Stacked Chip
Description	SMD, MLCC, Stacked, Double Chip, High Voltage, Temperature Stable
Features	Temperature Stable
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	800 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Chip Size	2220-2
Shelf Life	78 Weeks
MSL	1

Dimensions

L	6mm +/-0.5mm
W	5mm +/-0.5mm
T	5mm +/-0.50mm
B	1.6mm +/-0.3mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	200

Specifications

Capacitance	0.33 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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: Referee Time is 1000 Hours
Insulation Resistance	3.0303 GOhms

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