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Dimensions

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.7mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

General Information

Series	SMD Comm Y5V
Style	SMD Chip
Description	SMD, MLCC, General Purpose, Class III
Features	Class III
RoHS	Yes
Termination	Tin
Marking	false
AEC-Q200	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	4.7 uF
Measurement Condition	120 Hz 0.5Vrms
Capacitance Tolerance	-20/+80%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-30/+85°C
Temperature Coefficient	Y5V
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+22%/-82%, 120Hz 0.5Vrms
Dissipation Factor	7% 120 Hz 0.5Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	21.3 MOhms