

KEMET Part Number: C0603C824K8PACTU
(C0603C824K8PAC7867)

Ceramic, SMD Comm X5R, 0.82 uF, 10%, 10 V, 0603, X5R, SMD, MLCC, Temperature Stable, Class II



Dimensions

L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information

Style:	SMD Chip
Series:	SMD Comm X5R
Chip Size:	0603
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 1000 hours

Specifications

Capacitance:	0.82 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 V
Temperature Range:	-55/+85C
Temperature Coefficient:	X5R
Dissipation Factor:	10% 1kHz 25C
Aging Rate:	5% Loss/Decade Hour
Insulation Resistance:	610 MOhms