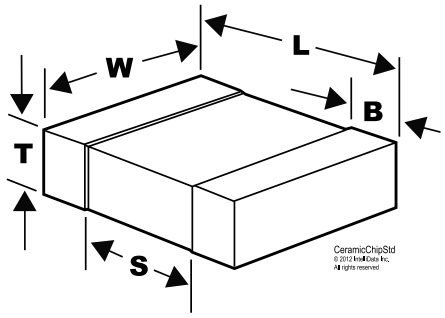
KEMET Part Number: C0603C225K8RACTU

(C0603C225K8RAC7867)

Ceramic, Commercial-(CxxxxC), 2.2 uF, 10%, 10 V, 0603, X7R, SMD, MLCC, Temperature Stable, Class II



General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
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 X7R dielectric for this part number is 48 hours

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

Specifications	
Capacitance:	2.2 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	10%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	230 MOhms
Dielectric Strength:	25 V

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

© 2006 - 2017 IntelliData.net