

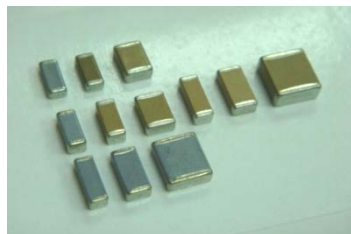


**THE DATASHEET OF
SCC2220X102K502TG**



Multilayer Ceramic Chip Capacitors [Safety Ceramic Capacitors – X2 and X1/Y2]

SCC Series Rated up to 305Vac



The SCC series X2 and X1/Y2 rated at 250Vrms and X2 rated at 305Vrms safety capacitors are designed specifically for use in modem, facsimile, telephone and other electronic equipment. These parts are compliant to IEC60384-14 and UL60950-1 and UL60384-14 standards. These capacitors are available in NP0 (C0G) and X7R dielectrics.

◆ Features

- ❑ Small size & high capacitance
- ❑ Suitable for reflow soldering
- ❑ Surface mount
- ❑ Safety standard approval by IEC60384-14 and UL 60950-1 and UL60384-14
- ❑ RoHS compliant and Lead(Pb) free option
- ❑ Certified to:
TUV R50005234, R50103496 & UL E229738
TUV R50162550 & UL E300818
& UL E229738 for Lead(Pb) free

◆ Applications

- ❑ The X2 and X1/Y2 (250Vrms) and X2- (305Vrms) are specially designed for use in Modem, Facsimile, Telephone and other telecommunication equipment, electronic equipment for lighting and surge protection, EMI filtering and Isolation.

◆ Safety Details of Specifications

IEC 60384-14 : 2013, 4 th Edition	Meets the electrical requirements and certification for equipment requiring Class X1/Y2 and X2 devices.
EN 60384-14 : 2013, 4 th Edition	
UL 60384-14 : 2014, 2 nd Edition	Component certified for equipment requiring UL-60384-14 compliance
UL 60950-1 : 2007, 2 nd Edition	TNV/SELV isolation capacitors certified To UL 60950-1

◆ How To Order

SCC	1808	X	102	K	502	T	S
Product Code SCC: Safety Approved MLCC	Chip Size Ex.: 1808 1812 2208 2211 2220 2825	Dielectric Ex.: N: NP0 X: X7R	Capacitance Unit : pF Ex.: 2R0:2.0pF 100:10x10 ⁰ 471:47x10 ¹ 182:18x10 ²	Tolerance Ex.: J :+/-5% K :+/-10% M :+/-20%	Class Ex.: 202: X2 252 :X2 (305Vrms) 502: X1/Y2 602: X1/Y2 for SCC2208N, SCC2211N, SCC2220N	Packaging T: T/R 7" R: T/R 13" B: Bulk	Special Requirement Ex.: S: Arc Prevention Coating X: Polymer Termination (Super Term) Z: Arc Prevention Coating & Polymer Termination (Super Term) G: Lead (Pb) Free

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View SCC2220X102K502TG on WIN SOURCE](#)
- [Holy Stone Enterprise Co., Ltd. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management