

Multilayer Ceramic Capacitors

[X2 and X1/Y2 Safety Certified Capacitors]

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 , 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 , 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+AMD1:2016	Meets the electrical requirements and certification for equipment requiring Class X1/Y2 and X2 devices.
EN 60384-14:2013+AMD1:2016	
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

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

