

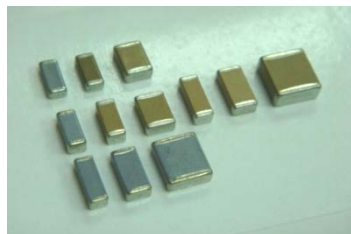


**THE DATASHEET OF  
SCC1808X471K502TG**



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

#### ◆ How To Order

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



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View SCC1808X471K502TG 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