## Product Detail Information

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|---|---|
| Product Group | Multilayer Capacitor Chips and Arrays |
| Ordering Code | CC1210KKX7R9BN224 |
| Ordering Code | 222258216645 |
| Unified CTC | C1210KKX7R9BN224 |
| Additional Product Code | 12102R224K9BB00 |
| Description | General purpose, 1210, X7R-NME, 220nF, 10%, 50V, 7" blister |
| Status | Obsolete, the following alternative is proposed (click to view): 222258215654 |
| | |
| Series | General Purpose |
| Size Code | 1210 |
| Capacitance Tolerance | +-10% |
| Packing Style | Embossed Plastic Tape & 180mm (7") Reel |
| Dielectric Material (TC) | X7R |
| Rated Voltage | 50V |
| Capacitance | 220 nF |

Related Data Sheets, Catalogs and Application Notes:

Datasheet - General purpose & High Cap MLCC, X7R 6.3V to 50V, Rev.2 [434 kb]

Datasheet - MLCC introduction, Rev.10 [275 kb]

Datasheet - MLCC general data of packing, labelling, mounting, tests & requirements; Rev.10 [415 kb]

Datasheet - MLCC quality flowchart, Rev.5 [119kb]

Yageo Passive Components 2009 [3.86 mb]

Product Selection Guide 2009 [1.74 MB]

Material declaration MLCCs type X7R, [85 kb]

Environmental declaration

Note - What is NME. [261 b]

Appl. note - DC, AC and Pulse load of Multilayer Ceramic Capacitors [308 kb]

MLCC sample kits [177 kb]

Appl. manual - MLCC application manual [577 kb]

Calculation tool - MLCC Spice Data

General info - Standard Values in a Decade [8.39 kb]

Requirements, Rev.7 [158 kb]

For optimal printing of Data sheets print from page 2 of the PDF.

Note Clear Text Codes in the data sheets can differ from the Clear Text Codes displayed above. The CTC displayed above is a new code which has been introduced to align product codes in the complete Yageo organisation. You can search products with the CTC displayed in the data sheet by using the competitor part number search function.

Documents are in PDF format so to view and print them you will need Adobe Acrobat Reader installed on your computer. This is available free of charge.

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