

## CL10B223KA8NNWC



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**Part Number:** [CL10B223KA8NNWC](#)  
**Manufacturer:** [Samsung Electro-Mechanics America, Inc.](#)  
**Description:** CAP CER 0.022UF 25V X7R 0603  
**Data sheet:** [CL Series, MLCC Datasheet](#)  
[CL10B223KA8NNWC Characteristics](#)  
[MLCC Catalog](#)  
[CL10B223KA8NNWC Spec](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

|   |                              |  |  |
|---|------------------------------|--|--|
| <b>Part Number</b>                        | CL10B223KA8NNWC              | <b>Manufacturer</b>                    | <a href="#">Samsung Electro-Mechanics America, Inc.</a>  |
| <b>Description</b>                        | CAP CER 0.022UF 25V X7R 0603 | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant   |
| <b>Quantity Available</b>                 | 6937703 pcs                  | <b>Data sheet</b>                      | <a href="#">CL Series, MLCC Datasheet</a><br><a href="#">CL10B223KA8NNWC Characteristics</a><br><a href="#">MLCC Catalog</a><br><a href="#">CL10B223KA8NNWC Spec</a> |
| <b>Category</b>                           | <a href="#">Capacitors</a>   | <b>Voltage - Rated</b>                 | 25V  |
| <b>Tolerance</b>                          | 0.022µF                      | <b>Thickness (Max)</b>                 | X7R  |
| <b>Surface Mount Land Size</b>            | -                            | <b>Size / Dimension</b>                | 0.063" L x 0.031" W (1.60mm x 0.80mm)  |
| <b>Series</b>                             | CL                           | <b>RoHS Status</b>                     | Tape & Reel (TR)   |
| <b>Ripple Current - Low Frequency</b>     | General Purpose              | <b>Ratings</b>                         | -  |
| <b>Polarization</b>                       | 0603 (1608 Metric)           | <b>Other Names</b>                     | 1276-2000-2  |
| <b>Operating Temperature</b>              | -55°C ~ 125°C                | <b>Mounting Type</b>                   | Surface Mount, MLCC  |
| <b>Moisture Sensitivity Level (MSL)</b>   | 1 (Unlimited)                | <b>Manufacturer Standard Lead Time</b> | 15 Weeks   |
| <b>Manufacturer Part Number</b>           | CL10B223KA8NNWC              | <b>Lead Style</b>                      | 0.035" (0.90mm)  |
| <b>Height - Seated (Max)</b>              | -                            | <b>Features</b>                        | -  |
| <b>Failure Rate</b>                       | -                            | <b>Expanded Description</b>            | 0.022µF ±10% 25V Ceramic Capacitor X7R 0603 (1608 Metric)  |
| <b>ESR (Equivalent Series Resistance)</b> | ±10%                         | <b>Description</b>                     | CAP CER 0.022UF 25V X7R 0603   |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

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|  | <b>Part#:</b> <a href="#">CL10B223KB85PNC</a><br><b>Description:</b> CAP CER 0.022UF 50V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">CL10B224JO8NNNC</a><br><b>Description:</b> CAP CER 0.22UF 16V X7R 0603  | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">CL10B223JA8NNNC</a><br><b>Description:</b> CAP CER 0.022UF 25V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">CL10B223MB8NNNC</a><br><b>Description:</b> CAP CER 0.022UF 50V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">CL10B223KB8NNNC</a><br><b>Description:</b> CAP CER 0.022UF 50V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">CL10B223KB8NNND</a><br><b>Description:</b> CAP CER 0.022UF 50V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">CL10B223KO8NNNC</a><br><b>Description:</b> CAP CER 0.022UF 16V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">CL10B222KC8NNNC</a><br><b>Description:</b> CAP CER 2200PF 100V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">CL10B223KB8NFNC</a><br><b>Description:</b> CAP CER 0.022UF 50V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">CL10B223KB8WPNC</a><br><b>Description:</b> CAP CER 0.022UF 50V X7R 0603 | <b>Manufacturers:</b> <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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