

CL05B822KB5NNNC





Part Number: [CL05B822KB5NNNC](#)

Manufacturer: [Samsung Electro-Mechanics America, Inc.](#)

Description: CAP CER 8200PF 50V X7R 0402

Data sheet:  [CL05B822KB5NNNC Characteristics](#)  
 [MLCC Catalog](#)  
 [CL05B822KB5NNNC Spec](#)

RoHs Status: Lead free / RoHS Compliant

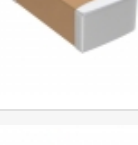
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |                                  |                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CL05B822KB5NNNC             | Manufacturer                     | <a href="#">Samsung Electro-Mechanics America, Inc.</a>                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP CER 8200PF 50V X7R 0402 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4598177 pcs                 | Data sheet                       | <a href="#">CL05B822KB5NNNC Characteristics</a><br><a href="#">MLCC Catalog</a><br><a href="#">CL05B822KB5NNNC Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>  | Voltage - Rated                  | 50V                                                                                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±10%                        | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | X7R                         | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CL                          | Ratings                          | -                                                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)            | Package / Case                   | 0402 (1005 Metric)                                                                                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1276-1591-2                 | Operating Temperature            | -55°C ~ 125°C                                                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount, MLCC         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                           |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                           | Lead Spacing                     | -                                                                                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant  | Height - Seated (Max)            | -                                                                                                                       |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                           | Detailed Description             | 8200pF ±10% 50V Ceramic Capacitor X7R 0402 (1005 Metric)                                                                |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8200pF                      | Applications                     | General Purpose                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                                        |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CL05C010BB5NNNC</a><br>Description: CAP CER 1PF 50V C0G/NP0 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B821KO5NNNC</a><br>Description: CAP CER 820PF 16V X7R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B822KO5NNNC</a><br>Description: CAP CER 8200PF 16V X7R 0402  | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B821JB5NNNC</a><br>Description: CAP CER 820PF 50V X7R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B823KP5NNNC</a><br>Description: CAP CER 0.082UF 10V X7R 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B823KO5NNNC</a><br>Description: CAP CER 0.082UF 16V X7R 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B682KB5NNNC</a><br>Description: CAP CER 6800PF 50V X7R 0402  | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B682KA5NNNC</a><br>Description: CAP CER 6800PF 25V X7R 0402  | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CL05C020BB5NNNC</a><br>Description: CAP CER 2PF 50V C0G/NP0 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CL05C020CB5NNNC</a><br>Description: CAP CER 2PF 50V C0G/NP0 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CL05B683KP5NNNC</a><br>Description: CAP CER 0.068UF 10V X7R 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B822KB5VPNC</a><br>Description: CAP CER 8200PF 50V X7R 0402  | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B682KA5VPNC</a><br>Description: CAP CER 6800PF 25V X7R 0402  | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B683KO5NNNC</a><br>Description: CAP CER 0.068UF 16V X7R 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05B821KB5NNNC</a><br>Description: CAP CER 820PF 50V X7R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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| Related keywords for <b>CL05B822KB5NNNC</b> |                                         |                                           |                                         |
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|                                             |                                         | CL05B822KB5NNNC download datasheet        | CL05B822KB5NNNC stock                   |
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