

CL05A105KO5NNND





Part Number: [CL05A105KO5NNND](#)

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

Description: CAP CER 1UF 16V X5R 0402

Data sheet:  [CL05A105KO5NNND Spec](#)  
 [CL Series, MLCC Datasheet](#)  
 [MLCC Catalog](#)

RoHs Status: Lead free / RoHS Compliant

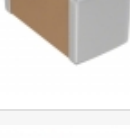
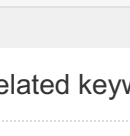
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                                |                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CL05A105KO5NNND                                       | Manufacturer                   | <a href="#">Samsung Electro-Mechanics America, Inc.</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP CER 1UF 16V X5R 0402                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4403760 pcs                                           | Data sheet                     | <a href="#">CL05A105KO5NNND Spec</a><br><a href="#">CL Series, MLCC Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>                            | Voltage - Rated                | 16V                                                                                                               |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±10%                                                  | Thickness (Max)                | 0.022" (0.55mm)                                                                                                   |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | X5R                                                   | 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)                                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -55°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1µF ±10% 16V Ceramic Capacitor X5R 0402 (1005 Metric) | Capacitance                    | 1µF                                                                                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | General Purpose                                       |                                |                                                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Samsung Electro-Mechanics America, Inc. series electronic components. We have 4403760 pieces of Samsung Electro-Mechanics America, Inc. CL05A105KO5NNND in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                       |                                |                                                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                                        |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CL05A104KP5NNND</a><br>Description: CAP CER 0.1UF 10V X5R 0402  | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105KP5NNND</a><br>Description: CAP CER 1UF 10V X5R 0402    | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105MO5NNNC</a><br>Description: CAP CER 1UF 16V X5R 0402    | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105MP5NNNC</a><br>Description: CAP CER 1UF 10V X5R 0402    | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A104KP5NNWC</a><br>Description: CAP CER 0.1UF 10V X5R 0402  | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105JQ5NNNC</a><br>Description: CAP CER 1UF 6.3V X5R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105MQ3LNNH</a><br>Description: CAP CER 1UF 6.3V X5R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105KL5NRNC</a><br>Description: CAP CER 1UF 35V X5R 0402    | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105KQ5NNNC</a><br>Description: CAP CER 1UF 6.3V X5R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CL05A105KA5NQNC</a><br>Description: CAP CER 1UF 25V X5R 0402    | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105KO5NNNC</a><br>Description: CAP CER 1UF 16V X5R 0402    | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105MQ3LNNC</a><br>Description: CAP CER 1UF 6.3V X5R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105KQ5NNND</a><br>Description: CAP CER 1UF 6.3V X5R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105MQ5NNNC</a><br>Description: CAP CER 1UF 6.3V X5R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CL05A104KQ5NNNC</a><br>Description: CAP CER 0.1UF 6.3V X5R 0402 | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CL05A105KQ3LNNC</a><br>Description: CAP CER 1UF 6.3V X5R 0402   | Manufacturers: <a href="#">Samsung Electro-Mechanics America, Inc.</a> | <a href="#">RFQ</a> |
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|---------------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------|
| Related keywords for <b>CL05A105KO5NNND</b> |                                         |                                           |                                         |
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