

CL31B106KAHVPNE





**Part Number:** [CL31B106KAHVPNE](#)

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

**Description:** CAP CER 10UF 25V X7R 1206

**Data sheet:**  [CL31B106KAHVPNE Spec](#)  
 [CL Series, MLCC Datasheet](#)  
 [MLCC Catalog](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                                  |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CL31B106KAHVPNE            | Manufacturer                     | <a href="#">Samsung Electro-Mechanics America, Inc.</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 10UF 25V X7R 1206  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 414235 pcs                 | Data sheet                       | <a href="#">CL31B106KAHVPNE Spec</a><br><a href="#">CL Series, MLCC Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a> | Voltage - Rated                  | 25V                                                                                                               |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±10%                       | Thickness (Max)                  | 0.071" (1.80mm)                                                                                                   |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | X7R                        | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CL                         | Ratings                          | AEC-Q200                                                                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)           | Package / Case                   | 1206 (3216 Metric)                                                                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1276-6814-2                | 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             | 10µF ±10% 25V Ceramic Capacitor X7R 1206 (3216 Metric)                                                            |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10µF                       | Applications                     | Automotive                                                                                                        |
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