

EMK107BJ105MAHT



**TAIYO YUDEN**

**Part Number:** [EMK107BJ105MAHT](#)

**Manufacturer:** [Taiyo Yuden](#)

**Description:** CAP CER 1UF 16V X5R 0603

**Data sheet:**  [MLCC Capacitor Series, HQ Catalog](#)  
 [EMK107BJ105MAHT Spec](#)

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

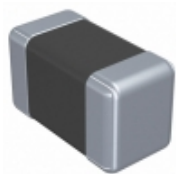
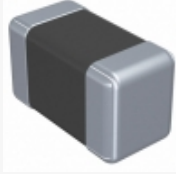
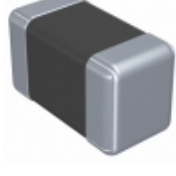
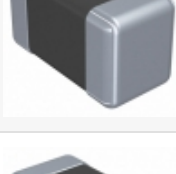
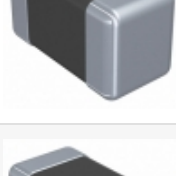
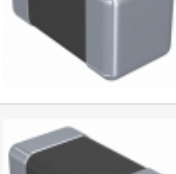
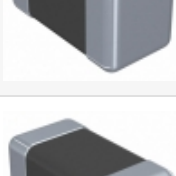
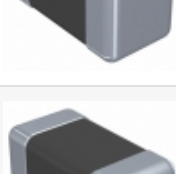
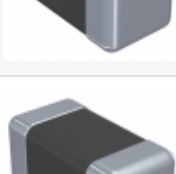
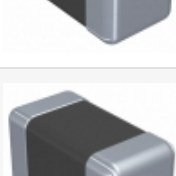
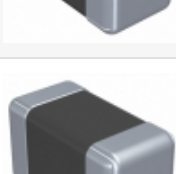
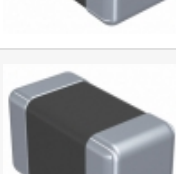
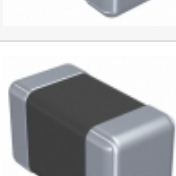
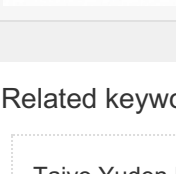
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                           | EMK107BJ105MAHT                                       | Manufacturer                     | <a href="#">Taiyo Yuden</a>                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP CER 1UF 16V X5R 0603                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3259784 pcs                                           | Data sheet                       | <a href="#">MLCC Capacitor Series, HQ Catalog</a><br><a href="#">EMK107BJ105MAHT Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Capacitors</a>                            | Voltage - Rated                  | 16V                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±20%                                                  | Thickness (Max)                  | 0.035" (0.90mm)                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                               | X5R                                                   | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | M                                                     | Ratings                          | AEC-Q200                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                                      | Package / Case                   | 0603 (1608 Metric)                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                           | CE EMK107BJ105MAHT                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ultra Low ESR                                         | Failure Rate                     | -                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1µF ±20% 16V Ceramic Capacitor X5R 0603 (1608 Metric) | Capacitance                      | 1µF                                                                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                          | Automotive, SMPS Filtering                            |                                  |                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                            |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------|---------------------|
|  | Part#: <a href="#">EMK107BC6475KA-T</a><br>Description: CAP CER 4.7UF 16V X6S 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BC6225KA-T</a><br>Description: CAP CER 2.2UF 16V X6S 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ224MA-T</a><br>Description: CAP CER 0.22UF 16V X5R 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ104KAHT</a><br>Description: CAP CER 0.1UF 16V X5R 0603  | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ225MA-T</a><br>Description: CAP CER 2.2UF 16V X5R 0603  | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ105MA-T</a><br>Description: CAP CER 1UF 16V X5R 0603    | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ105KA-T</a><br>Description: CAP CER 1UF 16V X5R 0603    | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">EMK107BJ154MA-T</a><br>Description: CAP CER 0.15UF 16V X5R 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ154KA-T</a><br>Description: CAP CER 0.15UF 16V X5R 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BC6225MA-T</a><br>Description: CAP CER 2.2UF 16V X6S 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ224KAHT</a><br>Description: CAP CER 0.22UF 16V X5R 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ225KA-T</a><br>Description: CAP CER 2.2UF 16V X5R 0603  | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ474KAHT</a><br>Description: CAP CER 0.47UF 16V X5R 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ105MK-T</a><br>Description: CAP CER 1UF 16V X5R 0603    | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ105KK-T</a><br>Description: CAP CER 1UF 16V X5R 0603    | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ224KA-T</a><br>Description: CAP CER 0.22UF 16V X5R 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ105KAHT</a><br>Description: CAP CER 1UF 16V X5R 0603    | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BJ474KA-T</a><br>Description: CAP CER 0.47UF 16V X5R 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK107BC6475MA-T</a><br>Description: CAP CER 4.7UF 16V X6S 0603 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |

| Related keywords for EMK107BJ105MAHT |                             |                          |                       |
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