

EMK316BJ225MLHT



**TAIYO YUDEN**

**Part Number:** [EMK316BJ225MLHT](#)

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

**Description:** CAP CER 2.2UF 16V X5R 1206

**Data sheet:**  [MLCC Capacitor Series, HQ Catalog](#)  
 [EMK316BJ225MLHT 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                                                                                                                                                                                                                                                                                                                                                                                                                                          | EMK316BJ225MLHT                                         | Manufacturer                     | <a href="#">Taiyo Yuden</a>                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | CAP CER 2.2UF 16V X5R 1206                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 849780 pcs                                              | Data sheet                       | <a href="#">MLCC Capacitor Series, HQ Catalog</a><br><a href="#">EMK316BJ225MLHT Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Capacitors</a>                              | Voltage - Rated                  | 16V                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                            | ±20%                                                    | Thickness (Max)                  | 0.071" (1.80mm)                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                              | X5R                                                     | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                               | M                                                       | Ratings                          | AEC-Q200                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                                        | Package / Case                   | 1206 (3216 Metric)                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                          | CE EMK316BJ225MLHT                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.2µF ±20% 16V Ceramic Capacitor X5R 1206 (3216 Metric) | Capacitance                      | 2.2µF                                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                         | Automotive, SMPS Filtering                              |                                  |                                                                                           |
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|  | Part#: <a href="#">EMK316BJ155KD-T</a><br>Description: CAP CER 1.5UF 16V X5R 1206 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316F105ZD-T</a><br>Description: CAP CER 1UF 16V Y5V 1206    | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316BJ106MLHT</a><br>Description: CAP CER 10UF 16V X5R 1206  | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316BJ225KD-T</a><br>Description: CAP CER 2.2UF 16V X5R 1206 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316BJ475MD-T</a><br>Description: CAP CER 4.7UF 16V X5R 1206 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316BJ226KL-T</a><br>Description: CAP CER 22UF 16V X5R 1206  | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316BJ225KLHT</a><br>Description: CAP CER 2.2UF 16V X5R 1206 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316BJ225ML-T</a><br>Description: CAP CER 2.2UF 16V X5R 1206 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EMK316BJ225KL-T</a><br>Description: CAP CER 2.2UF 16V X5R 1206 | Manufacturers: <a href="#">Taiyo Yuden</a> | <a href="#">RFQ</a> |
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