

C1206C689D5GACTU



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**Electronic Components**  
**KEMET**  
CHARGED<sup>®</sup>

**Part Number:** C1206C689D5GACTU

**Manufacturer:** KEMET

**Description:** CAP CER 6.8PF 50V C0G/NP0 1206

**Data sheet:**  [C0G Dielectric 10-250v Commercial](#)

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

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |                                  |                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------|----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | C1206C689D5GACTU                                   | Manufacturer                     | <a href="#">KEMET</a>                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | CAP CER 6.8PF 50V C0G/NP0 1206                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 648579 pcs                                         | Data sheet                       | <a href="#">C0G Dielectric 10-250v Commercial</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Capacitors</a>                         | Voltage - Rated                  | 50V                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±0.5pF                                             | Thickness (Max)                  | 0.035" (0.88mm)                                                |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                   | C0G, NP0                                           | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | C                                                  | Ratings                          | -                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                   | Package / Case                   | 1206 (3216 Metric)                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                               | 399-1188-2<br>C1206C689D5GAC<br>C1206C689D5GAC7800 | Operating Temperature            | -55°C ~ 125°C                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount, MLCC                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                           | 48 Weeks                                           | Lead Style                       | -                                                              |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                     |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                  | Features                         | Low ESL                                                        |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                  | Detailed Description             | 6.8pF ±0.5pF 50V Ceramic Capacitor C0G, NP0 1206 (3216 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                               | 6.8pF                                              | Applications                     | General Purpose                                                |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                      |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------|----------------|
|  | Part#: <a href="#">C1206C689D1GAC7800</a><br>Description: CAP CER 6.8PF 100V NP0 1206      | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D5HACAUTO</a><br>Description: CAP CER 1206 6.8PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D3HACAUTO</a><br>Description: CAP CER 1206 6.8PF 25V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C750F1HAC7800</a><br>Description: CAP CER 1206 75PF 100V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D1HAC7800</a><br>Description: CAP CER 1206 6.8PF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689K5GACTU</a><br>Description: CAP CER 6.8PF 50V NP0 1206         | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689J3GACTU</a><br>Description: CAP CER 6.8PF 25V NP0 1206         | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689C8HACAUTO</a><br>Description: CAP CER 1206 6.8PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C709D1GACTU</a><br>Description: CAP CER 7PF 100V NP0 1206          | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D1HACAUTO</a><br>Description: CAP CER 1206 6.8PF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D8HAC7800</a><br>Description: CAP CER 1206 6.8PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D8HACAUTO</a><br>Description: CAP CER 1206 6.8PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D5HAC7800</a><br>Description: CAP CER 1206 6.8PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D2GACTU</a><br>Description: CAP CER 6.8PF 200V NP0 1206        | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689C8HAC7800</a><br>Description: CAP CER 1206 6.8PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D3HAC7800</a><br>Description: CAP CER 1206 6.8PF 25V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689J5GACTU</a><br>Description: CAP CER 6.8PF 50V NP0 1206         | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689J1GACTU</a><br>Description: CAP CER 6.8PF 100V NP0 1206        | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D4HAC7800</a><br>Description: CAP CER 1206 6.8PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1206C689D4HACAUTO</a><br>Description: CAP CER 1206 6.8PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |

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