

C0805X689D3HAC7800



Electronic Components

**KEMET**

CHARGED<sup>®</sup>

Part Number:

C0805X689D3HAC7800

Manufacturer:

KEMET

Description:

CAP CER 0805 6.8PF 25V ULTRA STA

Data sheet:

 [FT-CAP, Ultra Stable, X8R Dielectric](#)

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                  |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0805X689D3HAC7800               | Manufacturer                     | <a href="#">KEMET</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 0805 6.8PF 25V ULTRA STA | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 2648054 pcs                      | Data sheet                       | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>       | Voltage - Rated                  | 25V                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±0.5pF                           | Thickness (Max)                  | 0.039" (0.98mm)                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                      | X8R                              | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | FT-CAP                           | Ratings                          | -                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                 | Package / Case                   | 0805 (2012 Metric)                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0805X689D3HACTU                 | Operating Temperature            | -55°C ~ 150°C                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount, MLCC              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                             |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                              | 36 Weeks                         | Lead Style                       | -                                                         |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                | Features                         | Low ESL, Soft Termination                                 |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Detailed Description             | 6.8pF ±0.5pF 25V Ceramic Capacitor X8R 0805 (2012 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6.8pF                            | Applications                     | Boardflex Sensitive                                       |
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|  | Part#: <a href="#">C0805X689D4HACAUTO</a><br>Description: CAP CER 0805 6.8PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0805X689C5HACAUTO</a><br>Description: CAP CER 0805 6.8PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0805X689C5HAC7800</a><br>Description: CAP CER 0805 6.8PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0805X689D4HAC7800</a><br>Description: CAP CER 0805 6.8PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0805X689D1HAC7800</a><br>Description: CAP CER 0805 6.8PF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0805X750F1HACAUTO</a><br>Description: CAP CER 0805 75PF 100V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0805X689D8HAC7800</a><br>Description: CAP CER 0805 6.8PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0805X689D5HAC7800</a><br>Description: CAP CER 0805 6.8PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0805X750F3HAC7800</a><br>Description: CAP CER 0805 75PF 25V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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