

C0603X680G4HAC7867



Electronic Components

**KEMET**

CHARGED™

Part Number:

C0603X680G4HAC7867

Manufacturer:

KEMET

Description:

CAP CER 0603 68PF 16V ULTRA STAB

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                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0603X680G4HAC7867               | Manufacturer                     | <a href="#">KEMET</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 0603 68PF 16V ULTRA STAB | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 2810389 pcs                      | Data sheet                       | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>       | Voltage - Rated                  | 16V                                                   |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±2%                              | Thickness (Max)                  | 0.037" (0.95mm)                                       |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                      | X8R                              | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | FT-CAP                           | Ratings                          | -                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                 | Package / Case                   | 0603 (1608 Metric)                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0603X680G4HACTU                 | 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             | 68pF ±2% 16V Ceramic Capacitor X8R 0603 (1608 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                  | 68pF                             | Applications                     | Boardflex Sensitive                                   |
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|  | Part#: <a href="#">C0603X680J3HACAUTO</a><br>Description: CAP CER 0603 68PF 25V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X680F5HACAUTO</a><br>Description: CAP CER 0603 68PF 50V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X680G5HAC7867</a><br>Description: CAP CER 0603 68PF 50V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0603X680J5GACTU</a><br>Description: CAP CER 68PF 50V COG/NP0 0603      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X680J1HACAUTO</a><br>Description: CAP CER 0603 68PF 100V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |

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