

C0603X822F8HACAUTO





**Part Number:** C0603X822F8HACAUTO

**Manufacturer:** KEMET

**Description:** CAP CER 0603 8.2NF 10V 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.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                                 |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0603X822F8HACAUTO                                      | Manufacturer                    | <a href="#">KEMET</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 0603 8.2NF 10V ULTRA STA                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 763216 pcs                                              | Data sheet                      | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                              | Voltage - Rated                 | 10V                                                  |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±1%                                                     | 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                         | AEC-Q200                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                        | Package / Case                  | 0603 (1608 Metric)                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                        | 8200pF ±1% 10V Ceramic Capacitor X8R 0603 (1608 Metric) | Capacitance                     | 8200pF                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                | Automotive, Boardflex Sensitive                         |                                 |                                                      |
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|  | Part#: <a href="#">C0603X822G4HACAUTO</a><br>Description: CAP CER 0603 8.2NF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603X822F3JAC7867</a><br>Description: CAP CER 8200PF 25V U2J 0603      | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0603X822F5JAC7867</a><br>Description: CAP CER 8200PF 50V U2J 0603      | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0603X821M8HACAUTO</a><br>Description: CAP CER 0603 820PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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