

C0603C829C3HACAUTO



Electronic Components  
**KEMET**  
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**Part Number:** C0603C829C3HACAUTO

**Manufacturer:** KEMET

**Description:** CAP CER 0603 8.2PF 25V ULTRA STA

**Data sheet:**  [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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                 |                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0603C829C3HACAUTO               | Manufacturer                    | <a href="#">KEMET</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 0603 8.2PF 25V ULTRA STA | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 3518464 pcs                      | Data sheet                      | <a href="#">Ultra Stable, X8R Dielectric</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>       | Voltage - Rated                 | 25V                                                        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±0.25pF                          | Thickness (Max)                 | 0.034" (0.87mm)                                            |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                      | X8R                              | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.80mm)                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | C                                | 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 | 18 Weeks                                                   |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                 |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                | Features                        | Low ESL, High Temperature                                  |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Detailed Description            | 8.2pF ±0.25pF 25V Ceramic Capacitor X8R 0603 (1608 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8.2pF                            | Applications                    | Automotive                                                 |
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|  | Part#: <a href="#">C0603C829C1GACTU</a><br>Description: CAP CER 8.2PF 100V NP0 0603        | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C3GACTU</a><br>Description: CAP CER 8.2PF 25V NP0 0603         | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C4HAC7867</a><br>Description: CAP CER 0603 8.2PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0603C829C4HACAUTO</a><br>Description: CAP CER 0603 8.2PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829B5HACAUTO</a><br>Description: CAP CER 0603 8.2PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0603C829D1GAC7867</a><br>Description: CAP CER 8.2PF 100V NP0 0603      | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C3HAC7867</a><br>Description: CAP CER 0603 8.2PF 25V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C2GACTU</a><br>Description: CAP CER 8.2PF 200V NP0 0603        | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C5HACAUTO</a><br>Description: CAP CER 0603 8.2PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829B5HAC7867</a><br>Description: CAP CER 0603 8.2PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C1HAC7867</a><br>Description: CAP CER 0603 8.2PF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829B8HACAUTO</a><br>Description: CAP CER 0603 8.2PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C5HAC7867</a><br>Description: CAP CER 0603 8.2PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C5GACTU</a><br>Description: CAP CER 8.2PF 50V C0G/NP0 0603     | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C8HACAUTO</a><br>Description: CAP CER 0603 8.2PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829C5GALTU</a><br>Description: CAP CER 8.2PF 50V NP0 0603         | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0603C829D1GALTU</a><br>Description: CAP CER 8.2PF 100V NP0 0603        | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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