

C0805X822F4HAC7800





**Part Number:** [C0805X822F4HAC7800](#)

**Manufacturer:** [KEMET](#)

**Description:** CAP CER 0805 8.2NF 16V ULTRA STA

**Data sheet:**  [FT-CAP, Ultra Stable, X8R Dielectric](#)

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

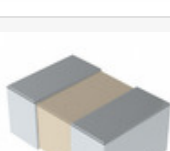
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                  |                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0805X822F4HAC7800               | Manufacturer                     | <a href="#">KEMET</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 0805 8.2NF 16V ULTRA STA | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 520400 pcs                       | Data sheet                       | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a>    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>       | Voltage - Rated                  | 16V                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±1%                              | 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                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0805X822F4HACTU                 | 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% 16V Ceramic Capacitor X8R 0805 (2012 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8200pF                           | Applications                     | Boardflex Sensitive                                     |
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|  | Part#: <a href="#">C0805X822F3JACAUTO</a><br>Description: CAP CER 8200PF 25V U2J 0805      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805X821M4HAC7800</a><br>Description: CAP CER 0805 820PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0805X822F5JAC7800</a><br>Description: CAP CER 8200PF 50V U2J 0805      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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