

C0805X508B8HAC7800





**Part Number:** [C0805X508B8HAC7800](#)

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

**Description:** CAP CER 0805 0.5PF 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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                  |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0805X508B8HAC7800               | Manufacturer                     | <a href="#">KEMET</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 0805 0.5PF 10V ULTRA STA | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 1326607 pcs                      | Data sheet                       | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>       | Voltage - Rated                  | 10V                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±0.1pF                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0805X508B8HACTU                 | 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             | 0.5pF ±0.1pF 10V Ceramic Capacitor X8R 0805 (2012 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.5pF                            | Applications                     | Boardflex Sensitive                                       |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                      |                     |
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|  | Part#: <a href="#">C0805X508C4HAC7800</a><br>Description: CAP CER 0805 0.5PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805X508B5HAC7800</a><br>Description: CAP CER 0805 0.5PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805X479D8HAC7800</a><br>Description: CAP CER 0805 4.7PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805X508B1HAC7800</a><br>Description: CAP CER 0805 0.5PF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0805X508B3HACAUTO</a><br>Description: CAP CER 0805 0.5PF 25V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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