

C1812X102G5HAC7800





**Part Number:** C1812X102G5HAC7800

**Manufacturer:** KEMET

**Description:** CAP CER 1812 1NF 50V ULTRA STABL

**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                                                                                                                                                                                                                                                                                                                                                                                                                                 | C1812X102G5HAC7800               | Manufacturer                     | <a href="#">KEMET</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 1812 1NF 50V ULTRA STABL | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 197650 pcs                       | Data sheet                       | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a>    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>       | Voltage - Rated                  | 50V                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±2%                              | Thickness (Max)                  | 0.043" (1.10mm)                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                     | X8R                              | Size / Dimension                 | 0.177" L x 0.126" W (4.50mm x 3.20mm)                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | FT-CAP                           | Ratings                          | -                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                 | Package / Case                   | 1812 (4532 Metric)                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                 | C1812X102G5HACTU                 | 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             | 1000pF ±2% 50V Ceramic Capacitor X8R 1812 (4532 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1000pF                           | Applications                     | Boardflex Sensitive                                     |
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|  | Part#: <a href="#">C1812X102JGGACTU</a><br>Description: CAP CER 1000PF 2KV C0G/NP0 1812    | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1812W473KDRACTU</a><br>Description: CAP CER 0.047UF 1KV X7R 1812       | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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