

C1812X182F1HACAUTO





**Part Number:** [C1812X182F1HACAUTO](#)

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

**Description:** CAP CER 1812 1.8NF 100V ULTRA ST

**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.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |                                 |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | C1812X182F1HACAUTO                                       | Manufacturer                    | <a href="#">KEMET</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | CAP CER 1812 1.8NF 100V ULTRA ST                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 91460 pcs                                                | Data sheet                      | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Capacitors</a>                               | Voltage - Rated                 | 100V                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±1%                                                      | 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                         | AEC-Q200                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                         | Package / Case                  | 1812 (4532 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                                                                                                                                                                                                                                                                                                                                                                                                                       | 1800pF ±1% 100V Ceramic Capacitor X8R 1812 (4532 Metric) | Capacitance                     | 1800pF                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                               | Automotive, Boardflex Sensitive                          |                                 |                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all KEMET series electronic components. We have 91460 pieces of KEMET C1812X182F1HACAUTO in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                          |                                 |                                                      |

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|  | Part#: <a href="#">C1812X162J5HAC7800</a><br>Description: CAP CER 1812 1.6NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X182G1HAC7800</a><br>Description: CAP CER 1812 1.8NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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