

C1812X822K5HACAUTO



Electronic Components

**KEMET**

CHARGED™

Part Number:

C1812X822K5HACAUTO

Manufacturer:

KEMET

Description:

CAP CER 1812 8.2NF 50V 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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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                 |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | C1812X822K5HACAUTO                                       | Manufacturer                    | <a href="#">KEMET</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 1812 8.2NF 50V ULTRA STA                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 327535 pcs                                               | Data sheet                      | <a href="#">FT-CAP, Ultra Stable, X8R Dielectric</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                               | Voltage - Rated                 | 50V                                                  |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±10%                                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                                        | 8200pF ±10% 50V Ceramic Capacitor X8R 1812 (4532 Metric) | Capacitance                     | 8200pF                                               |
| 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 327535 pieces of KEMET C1812X822K5HACAUTO 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> |                                                          |                                 |                                                      |

| RELATED PRODUCTS                                                                   |                                                                                            |                                      |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------|---------------------|
|  | Part#: <a href="#">C1812X822G5HAC7800</a><br>Description: CAP CER 1812 8.2NF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X823F4JAC7800</a><br>Description: CAP CER 0.082UF 16V U2J 1812     | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X822KGRAC7800</a><br>Description: CAP CER 8200PF 2KV X7R 1812 FLEX | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X823F3JAC7800</a><br>Description: CAP CER 0.082UF 25V U2J 1812     | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1812X823F4JACAUTO</a><br>Description: CAP CER 0.082UF 16V U2J 1812     | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C1812X822M1HAC7800</a><br>Description: CAP CER 1812 8.2NF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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