

C0805C510G5HACAUTO



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**Electronic Components**  
**KEMET**  
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**Part Number:** C0805C510G5HACAUTO

**Manufacturer:** KEMET

**Description:** CAP CER 0805 51PF 50V ULTRA STAB

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

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

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                 |                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------|-------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0805C510G5HACAUTO               | Manufacturer                    | <a href="#">KEMET</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 0805 51PF 50V ULTRA STAB | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 1723714 pcs                      | Data sheet                      | <a href="#">Ultra Stable, X8R Dielectric</a>          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>       | Voltage - Rated                 | 50V                                                   |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±2%                              | Thickness (Max)                 | 0.035" (0.88mm)                                       |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                      | X8R                              | Size / Dimension                | 0.079" L x 0.049" W (2.00mm x 1.25mm)                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | C                                | Ratings                         | AEC-Q200                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                 | Package / Case                  | 0805 (2012 Metric)                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 150°C                    | Mounting Type                   | Surface Mount, MLCC                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                    | Manufacturer Standard Lead Time | 18 Weeks                                              |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                            |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                | Features                        | Low ESL, High Temperature                             |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Detailed Description            | 51pF ±2% 50V Ceramic Capacitor X8R 0805 (2012 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                  | 51pF                             | Applications                    | Automotive                                            |
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|  | Part#: <a href="#">C0805C510G3HAC7800</a><br>Description: CAP CER 0805 51PF 25V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0805C510J1HAC7800</a><br>Description: CAP CER 0805 51PF 100V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0805C510F8HACAUTO</a><br>Description: CAP CER 0805 51PF 10V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0805C510J1GAC7800</a><br>Description: CAP CER 51PF 100V NP0 0805       | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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