

C0805C180J1GACTU



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**Electronic Components**  
**KEMET**  
**CHARGED**

**Part Number:** [C0805C180J1GACTU](#)

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

**Description:** CAP CER 18PF 100V C0G/NP0 0805

**Data sheet:**  [C0G Dielectric 10-250v Commercial](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                               | C0805C180J1GACTU               | Manufacturer                     | <a href="#">KEMET</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | CAP CER 18PF 100V C0G/NP0 0805 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 709641 pcs                     | Data sheet                       | <a href="#">C0G Dielectric 10-250v Commercial</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Capacitors</a>     | Voltage - Rated                  | 100V                                                        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±5%                            | Thickness (Max)                  | 0.035" (0.88mm)                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                   | C0G, NP0                       | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | C                              | Ratings                          | -                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cut Tape (CT)                  | Package / Case                   | 0805 (2012 Metric)                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                               | 399-8029-1                     | Operating Temperature            | -55°C ~ 125°C                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount, MLCC            | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                           | 47 Weeks                       | Lead Style                       | -                                                           |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                              | -                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                  |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                     | -                              | Features                         | Low ESL                                                     |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                              | -                              | Detailed Description             | 18pF ±5% 100V Ceramic Capacitor C0G, NP0 0805 (2012 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                               | 18pF                           | Applications                     | General Purpose                                             |
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|  | Part#: <a href="#">C0805C180G4HAC7800</a><br>Description: CAP CER 0805 18PF 16V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180J5GACTU</a><br>Description: CAP CER 18PF 50V C0G/NP0 0805      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180J3GACTU</a><br>Description: CAP CER 18PF 25V C0G/NP0 0805      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180J4HACAUTO</a><br>Description: CAP CER 0805 18PF 16V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180G3HACAUTO</a><br>Description: CAP CER 0805 18PF 25V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0805C180J1HAC7800</a><br>Description: CAP CER 0805 18PF 100V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180J2GACTU</a><br>Description: CAP CER 18PF 200V NP0 0805         | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180J3HACAUTO</a><br>Description: CAP CER 0805 18PF 25V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180G8HAC7800</a><br>Description: CAP CER 0805 18PF 10V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180G5HACAUTO</a><br>Description: CAP CER 0805 18PF 50V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180G3HAC7800</a><br>Description: CAP CER 0805 18PF 25V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0805C180G8HACAUTO</a><br>Description: CAP CER 0805 18PF 10V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C180G5HAC7800</a><br>Description: CAP CER 0805 18PF 50V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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