

C0402C180F3HAC7867



Electronic Components

**KEMET**

CHARGED™

Part Number:

C0402C180F3HAC7867

Manufacturer:

KEMET

Description:

CAP CER 0402 18PF 25V 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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                       |                                  |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0402C180F3HAC7867                                    | Manufacturer                     | <a href="#">KEMET</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 0402 18PF 25V ULTRA STAB                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 2292873 pcs                                           | Data sheet                       | <a href="#">Ultra Stable, X8R Dielectric</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                            | Voltage - Rated                  | 25V                                          |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±1%                                                   | Thickness (Max)                  | 0.022" (0.55mm)                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                      | X8R                                                   | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | C                                                     | Ratings                          | -                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                      | Package / Case                   | 0402 (1005 Metric)                           |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0402C180F3HACTU                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                         | 18pF ±1% 25V Ceramic Capacitor X8R 0402 (1005 Metric) | Capacitance                      | 18pF                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Purpose                                       |                                  |                                              |
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|  | Part#: <a href="#">C0402C169D5HACAUTO</a><br>Description: CAP CER 0402 1.6PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0402C180C3GACTU</a><br>Description: CAP CER 18PF 25V NP0 0402          | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0402C180C5GACTU</a><br>Description: CAP CER 18PF 50V NP0 0402          | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0402C180F4HACAUTO</a><br>Description: CAP CER 0402 18PF 16V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0402C180D5GACTU</a><br>Description: CAP CER 18PF 50V NP0 0402          | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0402C180F4HAC7867</a><br>Description: CAP CER 0402 18PF 16V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0402C169D4HACAUTO</a><br>Description: CAP CER 0402 1.6PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0402C180F5HACAUTO</a><br>Description: CAP CER 0402 18PF 50V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C0402C169D5GAC7867</a><br>Description: CAP CER 1.6PF 50V C0G/NP0 0402   | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0402C180G3HACAUTO</a><br>Description: CAP CER 0402 18PF 25V ULTRA STAB | Manufacturers: <a href="#">KEMET</a> | <div>RFQ</div> |
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