

C0805C681KDRAC7800



Electronic Components

**KEMET**

CHARGED<sup>®</sup>

Part Number:

C0805C681KDRAC7800

Manufacturer:

KEMET

Description:

CAP CER 680PF 1KV X7R 0805

Data sheet:

 [High Voltage X7R 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                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0805C681KDRAC7800                                                       | Manufacturer                     | <a href="#">KEMET</a>                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 680PF 1KV X7R 0805                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 455711 pcs                                                               | Data sheet                       | <a href="#">High Voltage X7R Dielectric</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                                               | Voltage - Rated                  | 1000V (1kV)                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±10%                                                                     | Thickness (Max)                  | 0.055" (1.40mm)                                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                     | X7R                                                                      | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | C                                                                        | Ratings                          | -                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                                         | Package / Case                   | 0805 (2012 Metric)                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                 | 399-14626-2<br>C0805C681KDRAC<br>C0805C681KDRACTU<br>C0805C681KDRACTU-ND | Operating Temperature            | -55°C ~ 125°C                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                               | Surface Mount, MLCC                                                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                             | 49 Weeks                                                                 | Lead Style                       | -                                                               |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                        | Features                         | High Voltage                                                    |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                        | Detailed Description             | 680pF ±10% 1000V (1kV) Ceramic Capacitor X7R 0805 (2012 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                 | 680pF                                                                    | Applications                     | General Purpose                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                      |                     |
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|  | Part#: <a href="#">C0805C681M4HACAUTO</a><br>Description: CAP CER 0805 680PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681K5GALTU</a><br>Description: CAP CER 680PF 50V NP0 0805         | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681KBRACTU</a><br>Description: CAP CER 680PF 630V X7R 0805        | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681K5GAC7800</a><br>Description: CAP CER 680PF 50V NP0 0805       | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681M3HAC7800</a><br>Description: CAP CER 0805 680PF 25V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681M1RACTU</a><br>Description: CAP CER 680PF 100V X7R 0805        | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681M1HACAUTO</a><br>Description: CAP CER 0805 680PF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681KCRACTU</a><br>Description: CAP CER 680PF 500V X7R 0805        | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681KARAC7800</a><br>Description: CAP CER 680PF 250V X7R 0805      | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681M2RACTU</a><br>Description: CAP CER 680PF 200V X7R 0805        | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681K8HACAUTO</a><br>Description: CAP CER 0805 680PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681K8HAC7800</a><br>Description: CAP CER 0805 680PF 10V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681M4HAC7800</a><br>Description: CAP CER 0805 680PF 16V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0805C681K5RACTU</a><br>Description: CAP CER 680PF 50V X7R 0805         | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681K5HAC7800</a><br>Description: CAP CER 0805 680PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681M5HACAUTO</a><br>Description: CAP CER 0805 680PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681M1HAC7800</a><br>Description: CAP CER 0805 680PF 100V ULTRA ST | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0805C681K5HACAUTO</a><br>Description: CAP CER 0805 680PF 50V ULTRA STA | Manufacturers: <a href="#">KEMET</a> | <a href="#">RFQ</a> |
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