

1812Y0160682KXT





Part Number: 1812Y0160682KXT

Manufacturer Knowles Syfer

Description CAP CER 6800PF 16V X7R 1812

Data sheet:  [MLCC Capacitor Datasheet](#)  
 [MLCC Catalog](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |                                 |                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1812Y0160682KXT                                                | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 6800PF 16V X7R 1812                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 64111 pcs                                                      | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                     | Voltage - Rated                 | 16V                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±10%                                                           | Thickness (Max)                 | 0.098" (2.50mm)                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | X7R (2R1)                                                      | Size / Dimension                | 0.177" L x 0.126" W (4.50mm x 3.20mm)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FlexiCap™                                                      | Ratings                         | -                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                               | Package / Case                  | 1812 (4532 Metric)                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                   | -55°C ~ 125°C                                                  | Mounting Type                   | Surface Mount, MLCC                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                                  | Manufacturer Standard Lead Time | 8 Weeks                                                                  |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                              | Lead Spacing                    | -                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                     | Height - Seated (Max)           | -                                                                        |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                | Soft Termination                                               | Failure Rate                    | -                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6800pF ±10% 16V Ceramic Capacitor X7R (2R1) 1812 (4532 Metric) | Capacitance                     | 6800pF                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Boardflex Sensitive                                            |                                 |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------|----------------|
|  | Part#: <a href="#">1812Y0160682MDT</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682KCR</a><br>Description: CAP CER 6800PF 16V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682KCT</a><br>Description: CAP CER 6800PF 16V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682MDR</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682JFT</a><br>Description: CAP CER 6800PF 16V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682MXT</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160683FCT</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682KFR</a><br>Description: CAP CER 6800PF 16V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682KDT</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160683GCT</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682JXR</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160683FFR</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682JXT</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160683FFT</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682KXR</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682KFT</a><br>Description: CAP CER 6800PF 16V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682KDR</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160682MXR</a><br>Description: CAP CER 6800PF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160683FCR</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y0160683GCR</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |

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