

1808J0160682MDT





Part Number: 1808J0160682MDT

Manufacturer Knowles Syfer

Description CAP CER 6800PF 16V X7R 1808

Data sheet:  [MLCC High Reliability Datasheet](#)

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                                                                                                                                                                                                                                                                                                                                                                                              | 1808J0160682MDT                                          | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 6800PF 16V X7R 1808                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 95764 pcs                                                | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                               | Voltage - Rated                 | 16V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                | ±20%                                                     | Thickness (Max)                 | 0.079" (2.00mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                  | X7R                                                      | Size / Dimension                | 0.177" L x 0.079" W (4.50mm x 2.00mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                        | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                         | Package / Case                  | 1808 (4520 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                                                                                                                                                                                                                                                                                                                                                                                                 | High Temperature                                         | Failure Rate                    | -                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                     | 6800pF ±20% 16V Ceramic Capacitor X7R 1808 (4520 Metric) | Capacitance                     | 6800pF                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                             | High Reliability                                         |                                 |                                                 |
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|  | Part#: <a href="#">1808J0160683FCT</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808J0160682MXR</a><br>Description: CAP CER 6800PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808J0160682KXT</a><br>Description: CAP CER 6800PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1808J0160683GCT</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808J0160682KFT</a><br>Description: CAP CER 6800PF 16V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808J0160683JCR</a><br>Description: CAP CER 0.068UF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808J0160682KCR</a><br>Description: CAP CER 6800PF 16V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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