

1808Y0160561MDT





**Part Number:** 1808Y0160561MDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 560PF 16V X7R 1808

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

**RoHs Status:** Lead free / RoHS Compliant

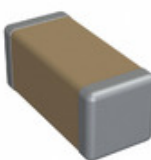
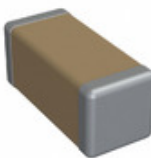
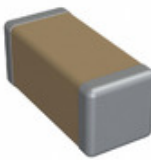
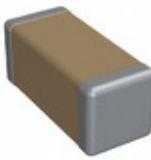
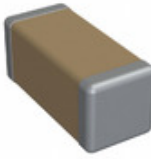
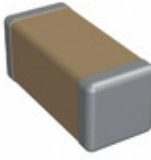
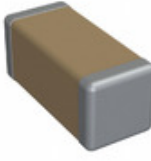
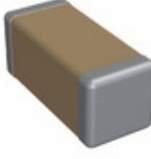
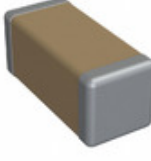
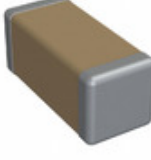
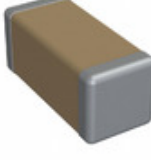
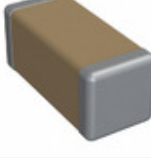
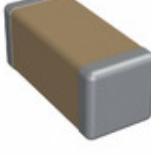
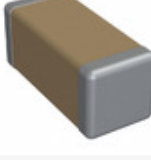
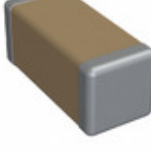
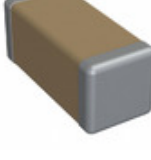
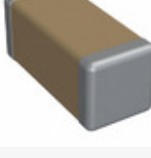
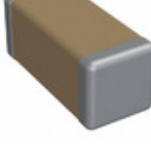
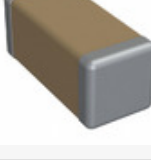
**Ship From:** Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |                                 |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1808Y0160561MDT                                         | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 560PF 16V X7R 1808                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100493 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                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Soft Termination, High Temperature                      | Failure Rate                    | -                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | 560pF ±20% 16V Ceramic Capacitor X7R 1808 (4520 Metric) | Capacitance                     | 560pF                                           |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | High Reliability, Boardflex Sensitive                   |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|----------------|
|  | Part#: <a href="#">1808Y0160562FCT</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160562GFR</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561MXT</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KDT</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160562GFT</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561MXR</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160562GCT</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KDR</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160562GCR</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KCT</a><br>Description: CAP CER 560PF 16V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160562FFT</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KXT</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160562FFR</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KCR</a><br>Description: CAP CER 560PF 16V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160562FCR</a><br>Description: CAP CER 5600PF 16V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561JXT</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KFR</a><br>Description: CAP CER 560PF 16V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KFT</a><br>Description: CAP CER 560PF 16V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561KXR</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1808Y0160561MDR</a><br>Description: CAP CER 560PF 16V X7R 1808      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |

| Related keywords for 1808Y0160561MDT |                             |                          |                       |
|--------------------------------------|-----------------------------|--------------------------|-----------------------|
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