

0603Y0160820FFT





**Part Number:** 0603Y0160820FFT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 82PF 16V C0G/NP0 0603

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

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

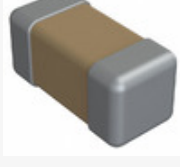
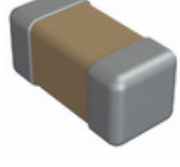
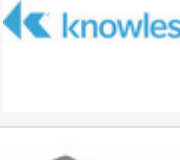
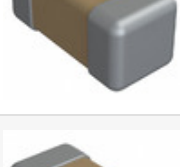
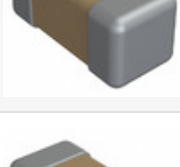
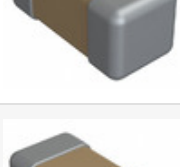
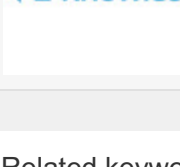
**Ship From:** Hong Kong

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

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                            |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0603Y0160820FFT                                            | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 82PF 16V C0G/NP0 0603                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 67531 pcs                                                  | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                 | Voltage - Rated                 | 16V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±1%                                                        | Thickness (Max)                 | 0.032" (0.80mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0G, NP0                                                   | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.80mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FlexiCap™                                                  | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                           | Package / Case                  | 0603 (1608 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                                                                                                                                                                                                                                                                                                                                                                                                                                    | 82pF ±1% 16V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                     | 82pF                                            |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | High Reliability, Boardflex Sensitive                      |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|----------------|
|  | Part#: <a href="#">0603Y0160820FRCR</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160683MXT</a><br>Description: CAP CER 0.068UF 16V X7R 0603   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160683MXR</a><br>Description: CAP CER 0.068UF 16V X7R 0603   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160683MDR</a><br>Description: CAP CER 0.068UF 16V X7R 0603   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160683MDT</a><br>Description: CAP CER 0.068UF 16V X7R 0603   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820KCR</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820JFR</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820GCR</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820FFR</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820JCT</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820KCT</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820JFT</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820FCT</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160683KDT</a><br>Description: CAP CER 0.068UF 16V X7R 0603   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820GFT</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160683KXR</a><br>Description: CAP CER 0.068UF 16V X7R 0603   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160683KXT</a><br>Description: CAP CER 0.068UF 16V X7R 0603   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820GCT</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820JCR</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">0603Y0160820GFR</a><br>Description: CAP CER 82PF 16V C0G/NP0 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |

| Related keywords for 0603Y0160820FFT |                             |                          |                       |
|--------------------------------------|-----------------------------|--------------------------|-----------------------|
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