

0603Y0500182KDT



Part Number: 0603Y0500182KDT

Manufacturer Knowles Syfer

Description CAP CER 1800PF 50V X7R 0603

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

RoHs Status: Lead free / RoHS Compliant

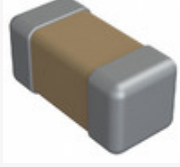
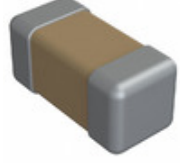
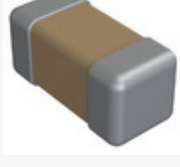
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                 |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0603Y0500182KDT                                          | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 1800PF 50V X7R 0603                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 368328 pcs                                               | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                               | Voltage - Rated                 | 50V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±10%                                                     | Thickness (Max)                 | 0.032" (0.80mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | X7R                                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1800pF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric) | Capacitance                     | 1800pF                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | High Reliability, Boardflex Sensitive                    |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                              |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">0603Y0500181MXR</a><br>Description: CAP CER 180PF 50V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0603Y0500182MXR</a><br>Description: CAP CER 1800PF 50V X7R 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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| Related keywords for 0603Y0500182KDT |                             |                          |                       |
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