

1812Y1K00682KDR



Part Number: 1812Y1K00682KDR

Manufacturer Knowles Syfer

Description CAP CER 6800PF 1KV X7R 1812

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                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1812Y1K00682KDR                                                        | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |  |  |  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 6800PF 1KV X7R 1812                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |  |  |  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 73961 pcs                                                              | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |  |  |  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                             | Voltage - Rated                 | 1000V (1kV)                                     |  |  |  |
| 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% 1000V (1kV) Ceramic Capacitor X7R (2R1) 1812 (4532 Metric) |                                 |                                                 |  |  |  |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Boardflex Sensitive                                                    |                                 |                                                 |  |  |  |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                        |                                 |                                                 |  |  |  |
| 6800pF                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                        |                                 |                                                 |  |  |  |
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|  | Part#: <a href="#">1812Y1K00681MET</a><br>Description: CAP CER 680PF 1KV X7R 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1812Y1K00682JDT</a><br>Description: CAP CER 6800PF 1KV X7R 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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