

2225Y5000682MDT





Part Number: 2225Y5000682MDT

Manufacturer Knowles Syfer

Description CAP CER 6800PF 500V X7R 2225

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

RoHs Status: Lead free / RoHS Compliant

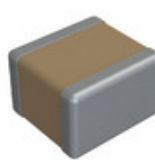
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                        |                                                                 |                                 |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                              | 2225Y5000682MDT                                                 | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 6800PF 500V X7R 2225                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 38330 pcs                                                       | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                      | Voltage - Rated                 | 500V                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                | ±20%                                                            | Thickness (Max)                 | 0.098" (2.50mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                  | X7R (2R1)                                                       | Size / Dimension                | 0.224" L x 0.248" W (5.70mm x 6.30mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                                                       | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                | Package / Case                  | 2225 (5763 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 ±20% 500V Ceramic Capacitor X7R (2R1) 2225 (5763 Metric) | Capacitance                     | 6800pF                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                             | High Reliability, Boardflex Sensitive                           |                                 |                                                 |
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|  | Part#: <a href="#">2225Y5000683JDT</a><br>Description: CAP CER 0.068UF 500V X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000683JXT</a><br>Description: CAP CER 0.068UF 500V X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682KDT</a><br>Description: CAP CER 6800PF 500V X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682KCT</a><br>Description: CAP CER 6800PF 500V C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000683KXR</a><br>Description: CAP CER 0.068UF 500V X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2225Y5000682JXT</a><br>Description: CAP CER 6800PF 500V X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682MDR</a><br>Description: CAP CER 6800PF 500V X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682KCR</a><br>Description: CAP CER 6800PF 500V C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682KXR</a><br>Description: CAP CER 6800PF 500V X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000683JXR</a><br>Description: CAP CER 0.068UF 500V X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000683KDT</a><br>Description: CAP CER 0.068UF 500V X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682MXT</a><br>Description: CAP CER 6800PF 500V X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682KDR</a><br>Description: CAP CER 6800PF 500V X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000682MXR</a><br>Description: CAP CER 6800PF 500V X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y5000683KDR</a><br>Description: CAP CER 0.068UF 500V X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

Related keywords for 2225Y5000682MDT

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