

2225Y0160564MDR



Part Number: 2225Y0160564MDR

Manufacturer Knowles Syfer

Description CAP CER 0.56UF 16V X7R 2225

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

RoHs Status: Lead free / RoHS Compliant

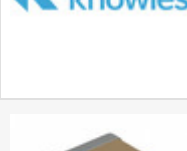
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |                                 |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                              | 2225Y0160564MDR                                                | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 0.56UF 16V X7R 2225                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                       | 27227 pcs                                                      | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                     | Voltage - Rated                 | 16V                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                     | 0.56µF ±20% 16V Ceramic Capacitor X7R (2R1) 2225 (5763 Metric) | Capacitance                     | 0.56µF                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                             | High Reliability, Boardflex Sensitive                          |                                 |                                                 |
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|  | Part#: <a href="#">2225Y0160563MXT</a><br>Description: CAP CER 0.056UF 16V X7R 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y0160564KXR</a><br>Description: CAP CER 0.56UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y0160565JXR</a><br>Description: CAP CER 5.6UF 16V X7R 2225   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y0160564JXR</a><br>Description: CAP CER 0.56UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2225Y0160564KDT</a><br>Description: CAP CER 0.56UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y0160564MXR</a><br>Description: CAP CER 0.56UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2225Y0160564MDT</a><br>Description: CAP CER 2225                 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y0160564JXT</a><br>Description: CAP CER 0.56UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y0160565KXR</a><br>Description: CAP CER 5.6UF 16V X7R 2225   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2225Y0160563MXR</a><br>Description: CAP CER 0.056UF 16V X7R 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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