

1825Y0250564KXT





**Part Number:** 1825Y0250564KXT

**Manufacturer** Knowles Syfer

**Description** CAP CER 0.56UF 25V X7R 1825

**Data sheet:**  [MLCC Capacitor Datasheet](#)  
 [MLCC Catalog](#)

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

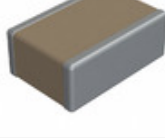
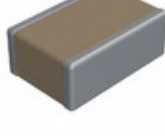
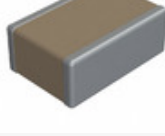
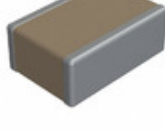
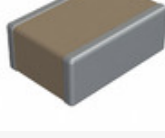
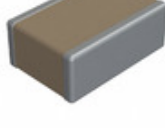
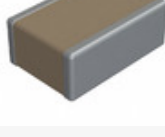
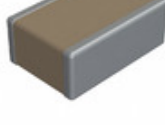
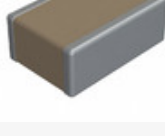
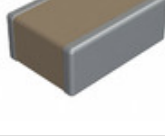
**Ship From:** Hong Kong

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

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |                                 |                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1825Y0250564KXT                                                | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 0.56UF 25V X7R 1825                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 38852 pcs                                                      | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                     | Voltage - Rated                 | 25V                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±10%                                                           | Thickness (Max)                 | 0.098" (2.50mm)                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | X7R (2R1)                                                      | Size / Dimension                | 0.177" L x 0.252" W (4.50mm x 6.40mm)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FlexiCap™                                                      | Ratings                         | -                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                               | Package / Case                  | 1825 (4564 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 ±10% 25V Ceramic Capacitor X7R (2R1) 1825 (4564 Metric) | Capacitance                     | 0.56µF                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Boardflex Sensitive                                            |                                 |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">1825Y02505680KCR</a><br>Description: CAP CER 68PF 25V C0G/NP0 1825   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y02505680GCT</a><br>Description: CAP CER 68PF 25V C0G/NP0 1825   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250563JXT</a><br>Description: CAP CER 0.056UF 25V X7R 1825     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250563KXT</a><br>Description: CAP CER 0.056UF 25V X7R 1825     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250563KCT</a><br>Description: CAP CER 0.056UF 25V C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250563KCR</a><br>Description: CAP CER 0.056UF 25V C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y02505680JCR</a><br>Description: CAP CER 68PF 25V C0G/NP0 1825   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250564KXR</a><br>Description: CAP CER 0.56UF 25V X7R 1825      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250680FCR</a><br>Description: CAP CER 1825                     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250564MXR</a><br>Description: CAP CER 0.56UF 25V X7R 1825      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250563MXT</a><br>Description: CAP CER 0.056UF 25V X7R 1825     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y02505680JCT</a><br>Description: CAP CER 68PF 25V C0G/NP0 1825   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1825Y0250564MXT</a><br>Description: CAP CER 0.56UF 25V X7R 1825      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1825Y0250563KXR</a><br>Description: CAP CER 0.056UF 25V X7R 1825     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y0250564JXR</a><br>Description: CAP CER 0.56UF 25V X7R 1825      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

| Related keywords for 1825Y0250564KXT |                             |                          |                       |
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