

0805Y0250563KDT



Part Number: 0805Y0250563KDT

Manufacturer Knowles Syfer

Description CAP CER 0.056UF 25V X7R 0805

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

RoHs Status: Lead free / RoHS Compliant

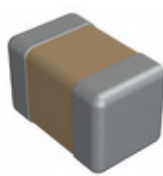
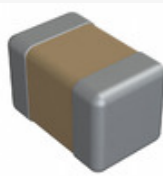
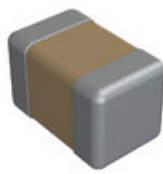
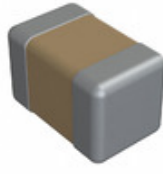
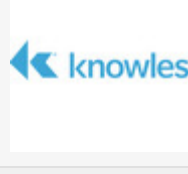
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |                                 |                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                               | 0805Y0250563KDT                                           | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                               | CAP CER 0.056UF 25V X7R 0805                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                        | 211750 pcs                                                | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Capacitors</a>                                | Voltage - Rated                 | 25V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                 | ±10%                                                      | Thickness (Max)                 | 0.051" (1.30mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                   | X7R                                                       | Size / Dimension                | 0.079" L x 0.049" W (2.00mm x 1.25mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                    | FlexiCap™                                                 | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                          | Package / Case                  | 0805 (2012 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                                                                                                                                                                                                                                                                                                                                                                                      | 0.056µF ±10% 25V Ceramic Capacitor X7R 0805 (2012 Metric) | Capacitance                     | 0.056µF                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                              | High Reliability, Boardflex Sensitive                     |                                 |                                                 |
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|  | Part#: <a href="#">0805Y0250563KDR</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563KXT</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563MXTE03</a><br>Description: CAP CER 0.056UF 25V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250562MXT</a><br>Description: CAP CER 5600PF 25V X7R 0805     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250562KXT</a><br>Description: CAP CER 0805                    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563KXR</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563JXR</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250562MDT</a><br>Description: CAP CER 5600PF 25V X7R 0805     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563MXRE03</a><br>Description: CAP CER 0.056UF 25V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563MXT</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250680FCT</a><br>Description: CAP CER 68PF 25V C0G/NP0 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563MDT</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250562MXR</a><br>Description: CAP CER 5600PF 25V X7R 0805     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563JXT</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563JDR</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563MDR</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250680FCR</a><br>Description: CAP CER 68PF 25V C0G/NP0 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0250563MXR</a><br>Description: CAP CER 0.056UF 25V X7R 0805    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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