

2220Y0500105JDT



Part Number: 2220Y0500105JDT

Manufacturer Knowles Syfer

Description CAP CER 1UF 50V X7R 2220

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                            |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2220Y0500105JDT                                            | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 1UF 50V X7R 2220                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20496 pcs                                                  | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                 | Voltage - Rated                 | 50V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±5%                                                        | Thickness (Max)                 | 0.098" (2.50mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | X7R (2R1)                                                  | Size / Dimension                | 0.224" L x 0.197" W (5.70mm x 5.00mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FlexiCap™                                                  | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                           | Package / Case                  | 2220 (5750 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                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1µF ±5% 50V Ceramic Capacitor X7R (2R1) 2220 (5750 Metric) | Capacitance                     | 1µF                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | High Reliability, Boardflex Sensitive                      |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|----------------|
|  | Part#: <a href="#">2220Y0500104MXT</a><br>Description: CAP CER 0.1UF 50V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500104KDR</a><br>Description: CAP CER 0.1UF 50V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105MDT</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105MXR</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500104KCT</a><br>Description: CAP CER 0.1UF 50V C0G/NP0 2220 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">2220Y0500104MXR</a><br>Description: CAP CER 0.1UF 50V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500104KDT</a><br>Description: CAP CER 0.1UF 50V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105KXR</a><br>Description: CAP CER 2220                   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">2220Y0500105MXT</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500104KXR</a><br>Description: CAP CER 0.1UF 50V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105JXT</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105JXR</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105JDR</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105MDR</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500105KDR</a><br>Description: CAP CER 1UF 50V X7R 2220       | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220Y0500104MDR</a><br>Description: CAP CER 0.1UF 50V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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