

2220J1000823MDT



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**Part Number:** [2220J1000823MDT](#)

**Manufacturer:** [Knowles Syfer](#)

**Description:** CAP CER 0.082UF 100V 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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                  |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2220J1000823MDT                                                  | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 0.082UF 100V X7R 2220                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36689 pcs                                                        | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                       | Voltage - Rated                 | 100V                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±20%                                                             | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | High Temperature                                                 | Failure Rate                    | -                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.082µF ±20% 100V Ceramic Capacitor X7R (2R1) 2220 (5750 Metric) | Capacitance                     | 0.082µF                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | High Reliability                                                 |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">2220J1000823JDT</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2220J1000824KDT</a><br>Description: CAP CER 0.82UF 100V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2220J1000823KXT</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2220J1000823MXT</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2220J1000823JDR</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2220J1000822KFT</a><br>Description: CAP CER 8200PF 100V C0G/NP0 2220 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2220J1000823JXT</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2220J1000824KDR</a><br>Description: CAP CER 0.82UF 100V X7R 2220     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2220J1000823MXR</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2220J1000823MDR</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2220J1000823KXR</a><br>Description: CAP CER 0.082UF 100V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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