

C1005X7R1A683M



Part Number: [C1005X7R1A683M](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 0.068UF 10V X7R 0402

Data sheet:  [C Series, General](#)  
 [C Series, Gen Appl Spec](#)  
 [MLCC Part Number Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           |                                  |                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | C1005X7R1A683M                                            | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 0.068UF 10V X7R 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5109273 pcs                                               | Data sheet                       | <a href="#">C Series, General</a><br><a href="#">C Series, Gen Appl Spec</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                                | Voltage - Rated                  | 10V                                                                                                                    |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±20%                                                      | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                        |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                      | X7R                                                       | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C                                                         | Ratings                          | -                                                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Original-Reel®                                            | Package / Case                   | 0402 (1005 Metric)                                                                                                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 445-4957-6                                                | Operating Temperature            | -55°C ~ 125°C                                                                                                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount, MLCC                                       | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                          |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                         | Lead Spacing                     | -                                                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                | Height - Seated (Max)            | -                                                                                                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                         | Failure Rate                     | -                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.068µF ±20% 10V Ceramic Capacitor X7R 0402 (1005 Metric) | Capacitance                      | 0.068µF                                                                                                                |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Purpose                                           |                                  |                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                |                |
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|  | Part#: <a href="#">C1005X7R1C102K</a><br>Description: CAP CER 1000PF 16V X7R 0402       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A473K</a><br>Description: CAP CER 0.047UF 10V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C154K050BC</a><br>Description: CAP CER 0.15UF 16V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A154M050BB</a><br>Description: CAP CER 0.15UF 10V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A683K</a><br>Description: CAP CER 0.068UF 10V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A224K050BB</a><br>Description: CAP CER 0.22UF 10V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A473M</a><br>Description: CAP CER 0.047UF 10V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C103K050BA</a><br>Description: CAP CER 10000PF 16V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C153K</a><br>Description: CAP CER 0.015UF 16V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C104M050BC</a><br>Description: CAP CER 0.1UF 16V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A104K050BB</a><br>Description: CAP CER 0.1UF 10V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C104K050BC</a><br>Description: CAP CER 0.1UF 16V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C103K/50</a><br>Description: CAP CER 10000PF 16V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A224M050BB</a><br>Description: CAP CER 0.22UF 10V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C153M</a><br>Description: CAP CER 0.015UF 16V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C103M</a><br>Description: CAP CER 10000PF 16V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1V683M050BB</a><br>Description: CAP CER 0.068UF 35V X6S 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A154K050BB</a><br>Description: CAP CER 0.15UF 10V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1A104M</a><br>Description: CAP CER 0.1UF 10V X7R 0402        | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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