

C1005X7S0J684K050BC



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Part Number: C1005X7S0J684K050BC

Manufacturer: TDK Corporation

Description: CAP CER 0.68UF 6.3V X7S 0402

Data sheet:

 C Series, General Datasheet

 C Series, Gen Appl & Mid-Voltage Spec

 C1005X7S0J684K050BC Character Sheet

 MLCC Part Number Guide

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |                                  |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C1005X7S0J684K050BC                                       | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.68UF 6.3V X7S 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2785406 pcs                                               | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">C1005X7S0J684K050BC Character Sheet</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                | Voltage - Rated                  | 6.3V                                                                                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                      | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                                                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X7S                                                       | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                         | Ratings                          | -                                                                                                                                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cut Tape (CT)                                             | Package / Case                   | 0402 (1005 Metric)                                                                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-13931-1                                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Low ESL                                                   | Failure Rate                     | -                                                                                                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.68µF ±10% 6.3V Ceramic Capacitor X7S 0402 (1005 Metric) | Capacitance                      | 0.68µF                                                                                                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                           |                                  |                                                                                                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|  | Part#: <a href="#">C1005X7S0J474M050BB</a><br>Description: CAP CER 0.47UF 6.3V X7S 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7S1A474K050BC</a><br>Description: CAP CER 0.47UF 10V X7S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7S1A155M050BC</a><br>Description: CAP CER 1.5UF 10V X7S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1005X7S1A225M050BC</a><br>Description: CAP CER 2.2UF 10V X7S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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