

C1005CH1H181K050BA



Part Number: C1005CH1H181K050BA

Manufacturer: TDK Corporation

Description: CAP CER 180PF 50V CH 0402

Data sheet: 

C Series, General Datasheet

C Series, Gen Appl & Mid-Voltage Spec

C1005CH1H181K050BA Character Sheet

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                                                                                                                                                                                                                                                                                                                                                                                                       | C1005CH1H181K050BA                                     | Manufacturer                     | TDK Corporation                                                                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 180PF 50V CH 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 4346408 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="#">C1005CH1H181K050BA Character Sheet</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                             | Voltage - Rated                  | 50V                                                                                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                   | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                                                                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | CH                                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                       | 445-10839-6                                            | Operating Temperature            | -25°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                              | 180pF ±10% 50V Ceramic Capacitor CH 0402 (1005 Metric) | Capacitance                      | 180pF                                                                                                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                        |                                  |                                                                                                                                                                                                          |
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|  | Part#: <a href="#">C1005CH1H120J050BA</a><br>Description: CAP CER 12PF 50V CH 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005CH1H102K050BA</a><br>Description: CAP CER 1000PF 50V CH 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005CH1H1R5B050BA</a><br>Description: CAP CER 1.5PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005CH1H181J050BA</a><br>Description: CAP CER 180PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005CH1H271K050BA</a><br>Description: CAP CER 270PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005CH1H102J050BA</a><br>Description: CAP CER 1000PF 50V CH 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1005CH1H220J050BA</a><br>Description: CAP CER 22PF 50V CH 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1005CH1H1R5C050BA</a><br>Description: CAP CER 1.5PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1005CH1H331J050BA</a><br>Description: CAP CER 330PF 50V CH 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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|-----------------------------------------|--------------------------------|-----------------------------|--------------------------|
| Related keywords for C1005CH1H181K050BA |                                |                             |                          |
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