

108CKE050M



**Part Number:** 108CKE050M

**Manufacturer:** Illinois Capacitor

**Description:** CAP ALUM 1000UF 20% 50V RADIAL

**Data sheet:**  [CKH/CKE Series 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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                           |                                    |                                          |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------|--------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 108CKE050M                                                                                | Manufacturer                       | <a href="#">Illinois Capacitor</a>       |        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP ALUM 1000UF 20% 50V RADIAL                                                            | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant               |        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 228862 pcs                                                                                | Data sheet                         | <a href="#">CKH/CKE Series Datasheet</a> |        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>                                                                | Voltage - Rated                    | 50V                                      |        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±20%                                                                                      | Surface Mount Land Size            | -                                        |        |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.492" Dia (12.50mm)                                                                      | Series                             | CKE                                      |        |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.285A @ 120Hz                                                                            | Ripple Current @ High Frequency    | 1.799A @ 100kHz                          |        |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                         | Polarization                       | Polar                                    |        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Bulk                                                                                      | Package / Case                     | Radial, Can                              |        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 108CKE050M-ND<br>1572-1666                                                                | Operating Temperature              | -40°C ~ 105°C                            |        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Through Hole                                                                              | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                            |        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 22 Weeks                                                                                  | Lifetime @ Temp.                   | 2000 Hrs @ 105°C                         |        |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.197" (5.00mm)                                                                           | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant               |        |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.043" (26.50mm)                                                                          | ESR (Equivalent Series Resistance) | 166 mOhm @ 120Hz                         |        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1000µF 50V Aluminum Electrolytic Capacitors Radial, Can 166 mOhm @ 120Hz 2000 Hrs @ 105°C |                                    | Capacitance                              | 1000µF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Purpose                                                                           |                                    |                                          |        |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                           |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">108CKE025M</a><br>Description: CAP ALUM 1000UF 20% 25V RADIAL      | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108BPS010M</a><br>Description: CAP ALUM 1000UF 20% 10V RADIAL      | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108C</a><br>Description: COVER BATTERY RETAINING FOR 108           | Manufacturers: <a href="#">Keystone Electronics Corp.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE6R3M</a><br>Description: CAP ALUM 1000UF 20% 6.3V RADIAL     | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE016M</a><br>Description: CAP ALUM 1000UF 20% 16V RADIAL      | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE100M</a><br>Description: CAP ALUM 1000UF 20% 100V RADIAL     | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKH016M</a><br>Description: CAP ALUM 1000UF 20% 16V T/H         | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKH050M</a><br>Description: RADIAL 105C LYTIC                   | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108AVG016MGBJ</a><br>Description: CAP ALUM POLY 1000UF 20% 16V T/H | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE063M</a><br>Description: CAP ALUM 1000UF 20% 63V RADIAL      | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE025MLQ</a><br>Description: CAP ALUM 1000UF 20% 25V RADIAL    | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKR063M</a><br>Description: CAP ALUM 1000UF 20% 63V T/H         | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE016MLN</a><br>Description: CAP ALUM 1000UF 20% 16V RADIAL    | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKR050M</a><br>Description: RADIAL 85C LYTIC                    | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE100MRY</a><br>Description: CAP ALUM 1000UF 20% 100V T/H      | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108AXZ010M</a><br>Description: CAP ALUM 1000UF 20% 10V SMD         | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKR025M</a><br>Description: CAP ALUM 1000UF 20% 25V T/H         | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108AXZ6R3M</a><br>Description: CAP ALUM 1000UF 20% 6.3V SMD        | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKE010M</a><br>Description: CAP ALUM 1000UF 20% 10V RADIAL      | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">108CKH035M</a><br>Description: RADIAL 105C LYTIC                   | Manufacturers: <a href="#">Illinois Capacitor</a>         | <a href="#">RFQ</a> |

Related keywords for 108CKE050M

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