

476SMH050M



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**Part Number:** 476SMH050M

**Manufacturer:** Illinois Capacitor

**Description:** CAP ALUM 47UF 20% 50V SMD

**Data sheet:**  [SMH Series 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                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 476SMH050M                 | Manufacturer                    | <a href="#">Illinois Capacitor</a>                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM 47UF 20% 50V SMD  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 670343 pcs                 | Data sheet                      | <a href="#">SMH Series Datasheet</a>                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a> | Voltage - Rated                 | 50V                                                                                           |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±20%                       | Surface Mount Land Size         | 0.260" L x 0.260" W (6.60mm x 6.60mm)                                                         |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.248" Dia (6.30mm)        | Series                          | SMH                                                                                           |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                | 80mA @ 120Hz               | Ripple Current @ High Frequency | 120mA @ 100kHz                                                                                |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                          | Polarization                    | Polar                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Bulk                       | Package / Case                  | Radial, Can - SMD                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -55°C ~ 105°C              | Mounting Type                   | Surface Mount                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)              | Manufacturer Standard Lead Time | 22 Weeks                                                                                      |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000 Hrs @ 105°C           | Lead Spacing                    | -                                                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant | Height - Seated (Max)           | 0.307" (7.80mm)                                                                               |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.23 Ohm @ 120Hz           | Detailed Description            | 47µF 50V Aluminum Electrolytic Capacitors Radial, Can - SMD 4.23 Ohm @ 120Hz 1000 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 47µF                       | Applications                    | General Purpose                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                      |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">476RZM025M</a><br>Description: CAP ALUM 47UF 20% 25V THRU HOLE | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SAK050M</a><br>Description: CAP ALUM 47UF 20% 50V THRU HOLE | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML100M</a><br>Description: CAP ALUM 47UF 20% 100V SMD      | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SMH016M</a><br>Description: CAP ALUM 47UF 20% 16V SMD       | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476S6S36</a><br>Description: CABLE STR FEMALE-FEMALE 6POS 3'   | Manufacturers: <a href="#">Conxall / Switchcraft</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SAK250M</a><br>Description: CAP ALUM 47UF 20% 25V THRU HOLE | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML025M</a><br>Description: CAP ALUM 47UF 20% 25V SMD       | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML035M</a><br>Description: CAP ALUM 47UF 20% 35V SMD       | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML035MD8</a><br>Description: CAP ALUM 47UF 20% 35V SMD     | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476S6S144</a><br>Description: CABLE STR FEMALE-FEMALE 6POS 12' | Manufacturers: <a href="#">Conxall / Switchcraft</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML050MD8</a><br>Description: CAP ALUM 47UF 20% 50V SMD     | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SMH035M</a><br>Description: CAP ALUM 47UF 20% 35V SMD       | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML004M</a><br>Description: CAP ALUM 47UF 20% 4V SMD        | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SAK025M</a><br>Description: CAP ALUM 47UF 20% 25V THRU HOLE | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML016M</a><br>Description: CAP ALUM 47UF 20% 16V SMD       | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML016MD5</a><br>Description: CAP ALUM 47UF 20% 16V SMD     | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476RZM050M</a><br>Description: CAP ALUM 47UF 20% 50V THRU HOLE | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SMH6R3M</a><br>Description: CAP ALUM 47UF 20% 6.3V SMD      | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476SML050M</a><br>Description: CAP ALUM 47UF 20% 50V SMD       | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">476S6S72</a><br>Description: CABLE STR FEMALE-FEMALE 6POS 6'   | Manufacturers: <a href="#">Conxall / Switchcraft</a> | <a href="#">RFQ</a> |

Related keywords for 476SMH050M

|                               |                                     |                                     |                  |
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