

227SML025MD8



**Part Number:** 227SML025MD8

**Manufacturer:** Illinois Capacitor

**Description:** CAP ALUM 220UF 20% 25V SMD

**Data sheet:**  [SML 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                                                                                                                                                                                                                                                                                                                                                                                                      | 227SML025MD8               | Manufacturer                    | <a href="#">Illinois Capacitor</a>                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                      | CAP ALUM 220UF 20% 25V SMD | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                               | 372045 pcs                 | Data sheet                      | <a href="#">SML Series Datasheet</a>                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a> | Voltage - Rated                 | 25V                                                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                        | ±20%                       | Surface Mount Land Size         | 0.327" L x 0.327" W (8.30mm x 8.30mm)                                                          |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                 | 0.315" Dia (8.00mm)        | Series                          | SML                                                                                            |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                   | 230mA @ 120Hz              | Ripple Current @ High Frequency | 345mA @ 100kHz                                                                                 |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                          | -                          | Polarization                    | Polar                                                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                        | Bulk                       | Package / Case                  | Radial, Can - SMD                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C               | Mounting Type                   | Surface Mount                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)              | Manufacturer Standard Lead Time | 22 Weeks                                                                                       |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                 | 2000 Hrs @ 85°C            | Lead Spacing                    | -                                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant | Height - Seated (Max)           | 0.417" (10.60mm)                                                                               |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                               | 1.206 Ohm @ 120Hz          | Detailed Description            | 220µF 25V Aluminum Electrolytic Capacitors Radial, Can - SMD 1.206 Ohm @ 120Hz 2000 Hrs @ 85°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                      | 220µF                      | Applications                    | General Purpose                                                                                |
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|  | Part#: <a href="#">227SMH016M</a><br>Description: CAP ALUM 220UF 20% 16V SMD    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">227SVH050MGE</a><br>Description: CAP ALUM 220UF 20% 50V SMD  | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">227SML016M</a><br>Description: CAP ALUM 220UF 20% 16V SMD    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">227SAK100M</a><br>Description: CAP ALUM 220UF 20% 100V T/H   | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">227SML035M</a><br>Description: CAP ALUM 220UF 20% 35V SMD    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">227SMH050M</a><br>Description: CAP ALUM 220UF 20% 50V SMD    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">227SML050M</a><br>Description: CAP ALUM 220UF 20% 50V SMD    | Manufacturers: <a href="#">Illinois Capacitor</a> | <a href="#">RFQ</a> |
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