

107XMPL6R3MG19H



**Part Number:** 107XMPL6R3MG19H

**Manufacturer:** Illinois Capacitor

**Description:** CAP ALUM POLY 100UF 20% 6.3V SMD

**Data sheet:**  [XMPL 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                                                                                                                                                                                                                                                                                                                                                                                                         | 107XMPL6R3MG19H                                                                      | Manufacturer                       | <a href="#">Illinois Capacitor</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                         | CAP ALUM POLY 100UF 20% 6.3V SMD                                                     | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                  | 112706 pcs                                                                           | Data sheet                         | <a href="#">XMPL Series Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Capacitors</a>                                                           | Voltage - Rated                    | 6.3V                                  |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                | Polymer                                                                              | Tolerance                          | ±20%                                  |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                    | Size / Dimension                   | 0.287" L x 0.169" W (7.30mm x 4.30mm) |
| Series                                                                                                                                                                                                                                                                                                                                                                                                              | XMPL                                                                                 | Ripple Current @ High Frequency    | 2.7A @ 100kHz                         |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                    | Packaging                          | Bulk                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                      | 2917 (7343 Metric)                                                                   | Operating Temperature              | -40°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)                                                                                                                                                                                                                                                                                                                                                                                               | 0.083" (2.10mm)                                                                      | ESR (Equivalent Series Resistance) | 994.7 mOhm                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                | 100µF 6.3V Aluminum Polymer Capacitor 2917 (7343 Metric) 994.7 mOhm 1000 Hrs @ 105°C | Capacitance                        | 100µF                                 |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                        | Decoupling                                                                           |                                    |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                      |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">107XMPL6R3MG19</a><br>Description: CAP ALUM POLY 100UF 20% 6.3V SMD | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULR016MEF</a><br>Description: CAP ALUM POLY 100UF 20% 16V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107X</a><br>Description: TRANSFORMER AUDIO 100KCT/1KCT              | Manufacturers: <a href="#">Hammond Manufacturing</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULR025MFH</a><br>Description: CAP ALUM POLY 100UF 20% 25V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULG025MFH</a><br>Description: CAP ALUM POLY 100UF 20% 25V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107XMPL002MG19</a><br>Description: CAP ALUM POLY 100UF 20% 2V SMD   | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULG035MGU</a><br>Description: CAP ALUM POLY 100UF 20% 35V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107UER6R3MEW</a><br>Description: CAP ALUM POLY 100UF 20% 6.3V T/H   | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULG020MFH</a><br>Description: CAP ALUM POLY 100UF 20% 20V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107XMPL004MG19</a><br>Description: CAP ALUM POLY 100UF 20% 4V SMD   | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULR020MFH</a><br>Description: CAP ALUM POLY 100UF 20% 20V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107UVK016MEL</a><br>Description: CAP ALUM 100UF 20% 16V SMD         | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107UVR016MEW</a><br>Description: CAP ALUM POLY 100UF 20% 16V SMD    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107UVK035MFE</a><br>Description: CAP ALUM 100UF 20% 35V SMD         | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107V</a><br>Description: TRANSFORMER AUDIO 25KCT/600CT              | Manufacturers: <a href="#">Hammond Manufacturing</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULR016MEH</a><br>Description: CAP ALUM POLY 100UF 20% 16V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107UVK050MGE</a><br>Description: CAP ALUM 100UF 20% 50V SMD         | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107UVG020MFBJ</a><br>Description: CAP ALUM POLY 100UF 20% 20V SMD   | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107ULR035MGU</a><br>Description: CAP ALUM POLY 100UF 20% 35V T/H    | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">107UVR6R3MEW</a><br>Description: CAP ALUM POLY 100UF 20% 6.3V SMD   | Manufacturers: <a href="#">Illinois Capacitor</a>    | <a href="#">RFQ</a> |

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