

LGY1H103MELB50



**Part Number:** [LGY1H103MELB50](#)

**Manufacturer:** [Nichicon](#)

**Description:** CAP ALUM 10000UF 20% 50V SNAP

**Data sheet:**  [LGY Series](#)  
 [Snap-In Terminal, Terminal-Shape](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                  | LGY1H103MELB50                                                                      | Manufacturer                       | <a href="#">Nichicon</a>                                                                        |         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP ALUM 10000UF 20% 50V SNAP                                                       | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                      |         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 34268 pcs                                                                           | Data sheet                         | <a href="#">LGY Series</a><br><a href="#">Snap-In Terminal</a> , <a href="#">Terminal-Shape</a> |         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                                                          | Voltage - Rated                    | 50V                                                                                             |         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±20%                                                                                | Surface Mount Land Size            | -                                                                                               |         |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.181" Dia (30.00mm)                                                                | Series                             | LGY                                                                                             |         |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                               | 3.1A @ 120Hz                                                                        | Ripple Current @ High Frequency    | 3.565A @ 50kHz                                                                                  |         |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                   | Polarization                       | Polar                                                                                           |         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                    | Bulk                                                                                | Package / Case                     | Radial, Can - Snap-In                                                                           |         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                  | 493-8666<br>LGY1H103MELB50-ND                                                       | Operating Temperature              | -40°C ~ 105°C                                                                                   |         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                | Through Hole                                                                        | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                                   |         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                              | 31 Weeks                                                                            | Lifetime @ Temp.                   | 5000 Hrs @ 105°C                                                                                |         |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.394" (10.00mm)                                                                    | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                      |         |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.047" (52.00mm)                                                                    | ESR (Equivalent Series Resistance) | -                                                                                               |         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                         | 10000µF 50V Aluminum Electrolytic Capacitors Radial, Can - Snap-In 5000 Hrs @ 105°C |                                    | Capacitance                                                                                     | 10000µF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Purpose                                                                     |                                    |                                                                                                 |         |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                         |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">LGY1E822MELA30</a><br>Description: CAP ALUM 8200UF 20% 25V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H392MELA30</a><br>Description: CAP ALUM 3900UF 20% 50V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E822MELB25</a><br>Description: CAP ALUM 8200UF 20% 25V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E472MELZ25</a><br>Description: CAP ALUM 4700UF 20% 25V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H182MELZ25</a><br>Description: CAP ALUM 1800UF 20% 50V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H103MELC40</a><br>Description: CAP ALUM 10000UF 20% 50V SNAP | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E822MELZ35</a><br>Description: CAP ALUM 8200UF 20% 25V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E682MELZ30</a><br>Description: CAP ALUM 6800UF 20% 25V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E273MELC45</a><br>Description: CAP ALUM 27000UF 20% 25V SNAP | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H123MELC45</a><br>Description: CAP ALUM 12000UF 20% 50V SNAP | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H222MELZ25</a><br>Description: CAP ALUM 2200UF 20% 50V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H332MELA30</a><br>Description: CAP ALUM 3300UF 20% 50V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H272MELA25</a><br>Description: CAP ALUM 2700UF 20% 50V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E333MELC50</a><br>Description: CAP ALUM 33000UF 20% 25V SNAP | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E223MELC35</a><br>Description: CAP ALUM 22000UF 20% 25V SNAP | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E562MELZ30</a><br>Description: CAP ALUM 5600UF 20% 25V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H153MELC50</a><br>Description: CAP ALUM 15000UF 20% 50V SNAP | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H272MELZ30</a><br>Description: CAP ALUM 2700UF 20% 50V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1E682MELA25</a><br>Description: CAP ALUM 6800UF 20% 25V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LGY1H332MELZ35</a><br>Description: CAP ALUM 3300UF 20% 50V SNAP  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |

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