



Advanced Photonix (Luna

Optoelectronics)



Image may be representation. See specifications for product details.

SD172-14-21-021

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SD172-14-21-021                                                                                              |
| Manufacturer/Brand: | Advanced Photonix (Luna Optoelectronics)                                                                     |
| Product description | PHOTODIODE RED HP TO-5                                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1734 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

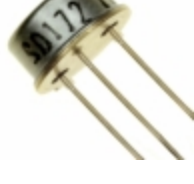
Specifications of SD172-14-21-021

|                                  |                                          |
|----------------------------------|------------------------------------------|
| PART NUMBER                      | SD172-14-21-021                          |
| MANUFACTURER                     | Advanced Photonix (Luna Optoelectronics) |
| DESCRIPTION                      | PHOTODIODE RED HP TO-5                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant               |
| QUANTITY AVAILABLE               | 1734 pcs                                 |
| DATA SHEET                       |                                          |
| WAVELENGTH                       | 950nm                                    |
| VOLTAGE - DC REVERSE (VR) (MAX)  | 75V                                      |
| VIEWING ANGLE                    | 71°                                      |
| SPECTRAL RANGE                   | 350nm ~ 1100nm                           |
| SERIES                           | -                                        |
| RESPONSIVITY @ NM                | 0.55 A/W @ 900nm                         |
| RESPONSE TIME                    | 13ns                                     |
| PACKAGING                        | Bulk                                     |
| PACKAGE / CASE                   | -                                        |
| OTHER NAMES                      | 172-14-21-021<br>Q5499894                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                            |
| MOUNTING TYPE                    | Through Hole                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant               |
| DIODE TYPE                       | PIN                                      |
| DETAILED DESCRIPTION             | Photodiode 950nm 13ns 71°                |
| CURRENT - DARK (TYP)             | 1nA                                      |
| COLOR - ENHANCED                 | Red                                      |
| ACTIVE AREA                      | 15.04mm²                                 |

Related Tags

|                                                          |                                                   |                                                              |
|----------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|
| Advanced Photonix (Luna Optoelectronics) SD172-14-21-021 | SD172-14-21-021 Distributor                       | SD172-14-21-021 Supplier                                     |
| SD172-14-21-021 Price                                    | SD172-14-21-021 Pictures                          | SD172-14-21-021 Image                                        |
| SD172-14-21-021 PDF Datasheet                            | SD172-14-21-021 Download Datasheet                | SD172-14-21-021 Datasheet                                    |
| SD172-14-21-021 Stock                                    | Buy SD172-14-21-021                               | Buy Advanced Photonix (Luna Optoelectronics) SD172-14-21-021 |
| Advanced Photonix (Luna Optoelectronics) SD172-14-21-021 | Advanced Photonix (Luna Optoelectronics) Supplier | Advanced Photonix (Luna Optoelectronics) Distributor         |
| Advanced Photonix (Luna Optoelectronics) SD172-14-21-021 | Advanced Photonix Inc SD172-14-21-021             | Advanced Photonix (Luna Optoelectronics) SD172-14-21-021     |
| Luna Optoelectronics SD172-14-21-021                     |                                                   |                                                              |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>SD175SA30B.T</b><br/>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions<br/>Description: DIODE SCHOTTKY 30V 30A DIE<br/>In stock: 55826 pcs</div><div>RFQ</div></div> | <div><div><b>SD16R</b><br/>Manufacturers: Weidmuller<br/>Description: SURGE PROTECTION<br/>In stock: 433 pcs</div><div>RFQ</div></div>                                                              |
| <div><div><b>SD1614TT-B3ME</b><br/>Manufacturers: TDK Corporation<br/>Description: BUZZER MAGNETIC 5V 80DB 2048HZ 1<br/>In stock: 51126 pcs</div><div>RFQ</div></div>                        | <div><div><b>SD16X</b><br/>Manufacturers: Weidmuller<br/>Description: SURGE PROTECTION<br/>In stock: 430 pcs</div><div>RFQ</div></div>                                                              |
| <div><div><b>SD1728</b><br/>Manufacturers: STMicroelectronics<br/>Description: TRANSISTOR NPN RF HF SSB M177<br/>In stock: 5100 pcs</div><div>RFQ</div></div>                                | <div><div><b>SD165SC150B.T</b><br/>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions<br/>Description: PIV 150V IO 30A CHIP SIZE 165MIL<br/>In stock: 60905 pcs</div><div>RFQ</div></div> |
| <div><div><b>SD1726</b><br/>Manufacturers: STMicroelectronics<br/>Description: TRANSISTOR NPN RF HF SSB M174<br/>In stock: 3723 pcs</div><div>RFQ</div></div>                                | <div><div><b>SD175SA30A.T</b><br/>Manufacturers: Sensitron Semiconductor / SMC Diode Solutions<br/>Description: DIODE SCHOTTKY 30V 30A DIE<br/>In stock: 52450 pcs</div><div>RFQ</div></div>        |
| <div><div><b>SD1731</b><br/>Manufacturers: STMicroelectronics<br/>Description: TRANSISTOR NPN RF HF SSB M174<br/>In stock: 1240 pcs</div><div>RFQ</div></div>                                | <div><div><b>SD172-11-21-221</b><br/>Manufacturers: Advanced Photonix (Luna Optoelectronics)<br/>Description: PHOTODIODE RED 4.7X3.2MM TO-5<br/>In stock: 1115 pcs</div><div>RFQ</div></div>        |
| <div><div><b>SD172-11-31-221</b><br/>Manufacturers: Advanced Photonix (Luna Optoelectronics)<br/>Description: PHOTODIODE RED 4.7X3.2MM TO-5<br/>In stock: 505 pcs</div><div>RFQ</div></div>  | <div><div><b>SD1727</b><br/>Manufacturers: STMicroelectronics<br/>Description: TRANSISTOR NPN RF HF SSB M164<br/>In stock: 518 pcs</div><div>RFQ</div></div>                                        |