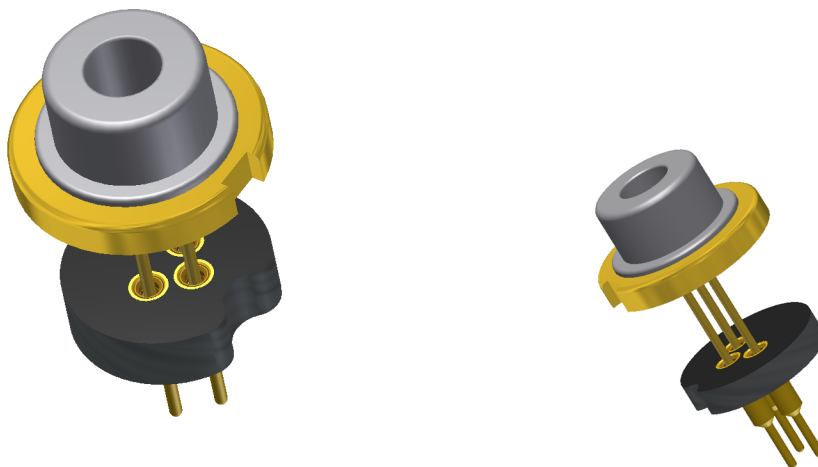




RoHS Compliant  
ISO 9001  
Certified

**OPTOELECTRONIC SOCKETS FOR**

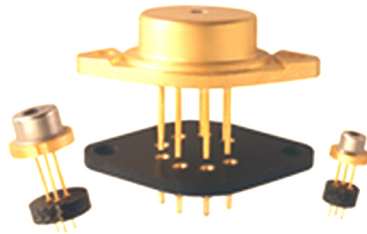
**THORLABS**



***Largest Line of High Reliability Sensor Sockets  
with Andon's Unique Senstac™ Contact***

[www.andonelect.com](http://www.andonelect.com) or [www.andonelectronics.com](http://www.andonelectronics.com)

THORLABS. is a Copyright © of **THORLABS**



## **Optoelectronic Sockets**

*High reliability sockets that will cost effectively:*

*Protect  
Test  
Assemble  
and*

*Enable Replacing of Opto Devices*

- Solder sockets on the PCB
- Plug-in sensors after assembly
- Eliminate ESD from handling
- Eliminate damage from soldering temperatures
- Eliminate damage from cleaning solvents
- Avoid cracking the glass seal
- Reduce shock damage to wire bonds

**Customers** will appreciate knowing that there are ANDON sockets available

**Producers** of optoelectronic devices may list ANDON on their engineering drawings and website to assist their customers in design engineering.

**Distributors** have an opportunity to increase their revenue by selling ANDON sockets with the sales of their optoelectronic devices.

| ThorLabs                 |                                                       |               |                  |               |                  |                |
|--------------------------|-------------------------------------------------------|---------------|------------------|---------------|------------------|----------------|
| ThorLabs<br>Model Number | Andon Part Number<br>Replace "XXX" with Terminal Type | Terminal Type |                  | Pin Ø<br>[in] | Figure<br>Number | Page<br>Number |
|                          |                                                       | Thru-Hole     | Surface<br>Mount |               |                  |                |
| 19304-S01                | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| 19466-S01                | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| 19559-S01                | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| 19700-S01                | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| 19701-S01                | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| 4 POS TO                 | R200-SP04-01N-XXX-R27-L14                             | 539S          | 384S             | .018          | 9                | 5              |
| BF-915-0180              | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| BF-940-0200              | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| BF-979-0300              | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| BF-A64-0180              | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| DJ432-10                 | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S             | .018          | 4                | 4              |
| DJ532-40                 | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S             | .018          | 4                | 4              |
| DL3148-025               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| DL4146-101S              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| DL5146-101S              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| DL5148-030               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| FGAP71                   | R180-0402-01T-XXX-R27-L14                             | 01S           | 93S              | .018          | 8                | 4              |
| FGDA05                   | R100-SP03-02T-XXX-R27-L14                             | 274K          | 281K             | .018          | 6                | 4              |
| FPL1053P                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| FPL1053S                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| FPL1053T                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| FPL1054P                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| FPL1054S                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| FPL1059P                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| FPL1059S                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| FPL1940S                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| FPL2000S                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S              | .018          | 11               | 5              |
| GH04P21A2GE              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6312G                  | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S             | .018          | 4                | 4              |
| HL6320G                  | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6322G                  | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6714G                  | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6323MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6360MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6364DG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6366DG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6385DG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6388MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6501MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6544FM                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6545MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6548FG                 | R079-0404-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 2                | 3              |
| HL6724MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6738MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6750MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL6756MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL7001MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL7302MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL8338MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL8342MG                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL40023MG                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL63133DG                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| HL63658MG                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| L375P020MLD              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| L638P040                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |
| L658P040                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K             | .018          | 1                | 3              |

| ThorLabs Continued       |                                                       |               |         |               |                  |                |
|--------------------------|-------------------------------------------------------|---------------|---------|---------------|------------------|----------------|
| ThorLabs<br>Model Number | Andon Part Number<br>Replace "XXX" with Terminal Type | Terminal Type |         | Pin Ø<br>[in] | Figure<br>Number | Page<br>Number |
|                          |                                                       | Thru-Hole     | Surface |               |                  |                |
| L658P050                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L658P060                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L780P010                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L808P010                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L808P1WJ                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L808P200                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L850P010                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L850P030                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L850P100                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L904P010                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L915P1WJ                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L975P1WJ                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L980P010                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L980P030                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L980P100                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L980P200J                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L980P300J                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| L1060P200J               | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S    | .018          | 4                | 4              |
| L9805E2P5                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LD785-SH300              | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S    | .018          | 4                | 4              |
| LP405-MF70               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP405-MF80               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP405-SF10               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP405-SF20               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP405-SF30               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP473-SF6                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP488-SF20               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP488P060MLD             | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP635-SF8                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP637-SF70               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP642-SF20               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP650P007                | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP660-SF20               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP660-SF40               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP660-SF60               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP685-SF15               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP705-SF15               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP785-SF20               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP785-SF100              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP808-SF30               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP830-SF30               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP852-SF30               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LP915-SF100              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPM-660-SMA              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPM-635-SMA              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-660-FC               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-635-FC               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-675-FC               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-785-FC               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-830-FC               | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-1060-FC              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-1310-FC              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPS-1550-FC              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPSC-1310-FC             | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPSC-1550-FC             | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| LPSC-1625-FC             | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |

| ThorLabs Continued       |                                                       |               |         |               |                  |                |
|--------------------------|-------------------------------------------------------|---------------|---------|---------------|------------------|----------------|
| ThorLabs<br>Model Number | Andon Part Number<br>Replace "XXX" with Terminal Type | Terminal Type |         | Pin Ø<br>[in] | Figure<br>Number | Page<br>Number |
|                          |                                                       | Thru-Hole     | Surface |               |                  |                |
| M9-785-0150              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-808-0150              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-830-0150              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-852-0100              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-852-0150              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-915-0200              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-915-0300              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-940-0100              | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S    | .018          | 4                | 4              |
| M9-940-0200              | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S    | .018          | 4                | 4              |
| M9-940-0300              | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S    | .018          | 4                | 4              |
| M9-980-0250              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-980-0300              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-A64-0200              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| M9-A64-0300              | R098-0403-01N-XXX-R27-L14                             | 211S          | 384S    | .018          | 3                | 3              |
| ML101J27                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| ML320G2                  | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| ML520G54                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| ML520G55                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| ML520G71                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| ML620G40                 | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| ML725B8F                 | R079-0404-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 2                | 3              |
| ML725B11F                | R079-0404-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 2                | 3              |
| ML925B45F                | R079-0404-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 2                | 3              |
| PDSP08                   | R295-SP04-01N-XXX-R27-L14                             | 539S          | 384S    | .018          | 10               | 5              |
| PDSP18                   | R100-SP03-03N-XXX-R27-L14                             | 539S          | 384S    | .018          | 7                | 4              |
| QL78168-B-L              | R079-0403-01T-XXX-R27-L14                             | 274K          | 281K    | .018          | 1                | 3              |
| SFL1550P                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S     | .018          | 11               | 5              |
| SFL1550S                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S     | .018          | 11               | 5              |
| SFL1620P                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S     | .018          | 11               | 5              |
| SFL1620S                 | (2)C10-007-07-01-XXX-R27-L14                          | 01S           | 93S     | .018          | 11               | 5              |
| SLD1332V                 | R100-0403-04N-XXX-R27-L14                             | 75S           | 265S    | .018          | 4                | 4              |
| VCSEL-850                | R100-0404-02T-XXX-R27-L14                             | 75S           | 265S    | .018          | 5                | 4              |
| VCSEL-980                | R100-0404-02T-XXX-R27-L14                             | 75S           | 265S    | .018          | 5                | 4              |

## Top View Shown

Units: in [mm]

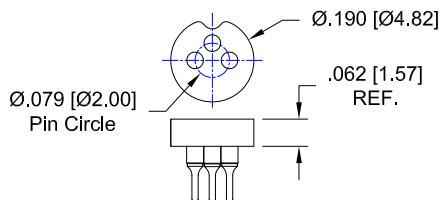


Fig. 1

Thru-Hole: R079-0403-01T-**274K**-R27-L14

Surface Mount: R079-0403-01T-**281K**-R27-L14

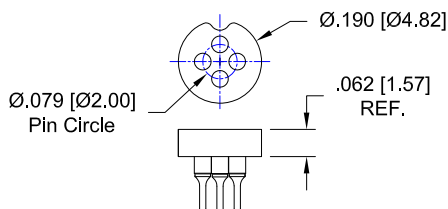
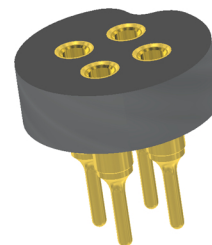


Fig. 2

Thru-Hole: R079-0404-01T-**274K**-R27-L14

Surface Mount: R079-0404-01T-**281K**-R27-L14

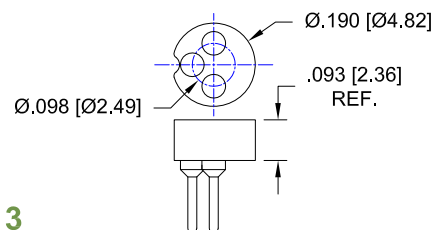


Fig. 3

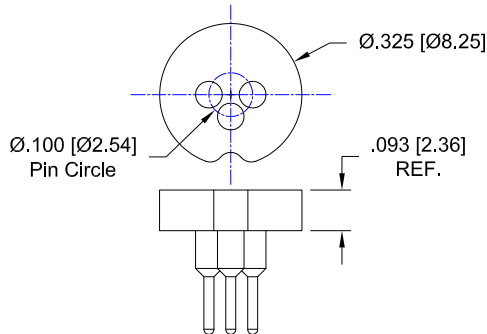
Thru-Hole: R098-0403-01N-**211S**-R27-L14

Surface Mount: R098-0403-01N-**384S**-R27-L14

## THORLABS Continued

Top View Shown

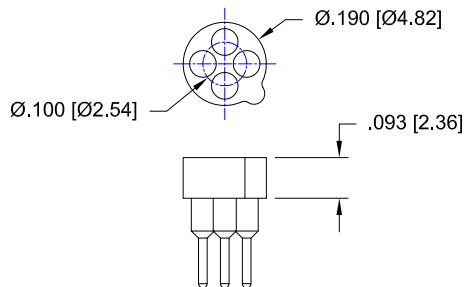
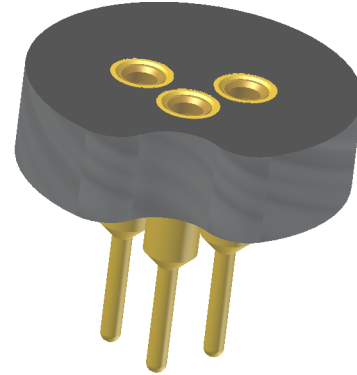
Units: in [mm]



**Fig. 4**

Thru-Hole: R100-0403-04N-**75S**-R27-L14

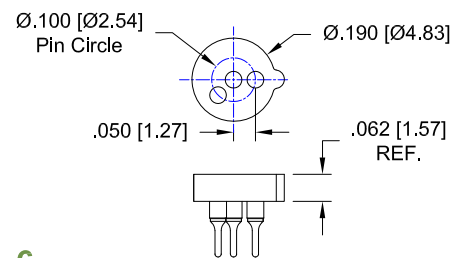
Surface Mount: R100-0403-04N-**265S**-R27-L14



**Fig. 5**

Thru-Hole: R100-0404-02T-**75S**-R27-L14

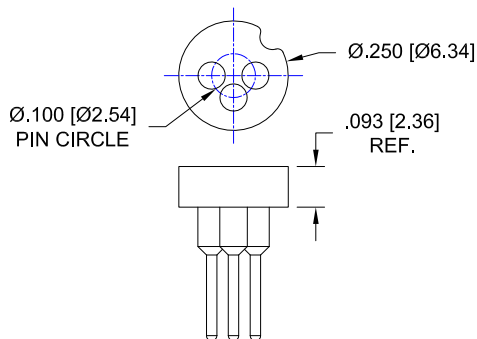
Surface Mount: R100-0404-02T-**265S**-R27-L14



**Fig. 6**

Thru-Hole: R100-SP03-02T-**274K**-R27-L14

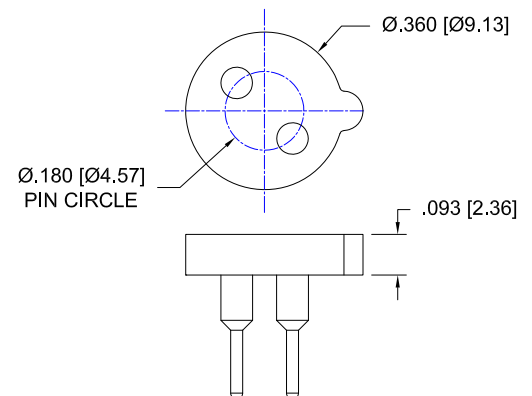
Surface Mount: R100-SP03-02T-**281K**-R27-L14



**Fig. 7**

Thru-Hole: R100-SP03-03N-**539S**-R27-L14

Surface Mount: R100-SP03-03N-**384S**-R27-L14



**Fig. 8**

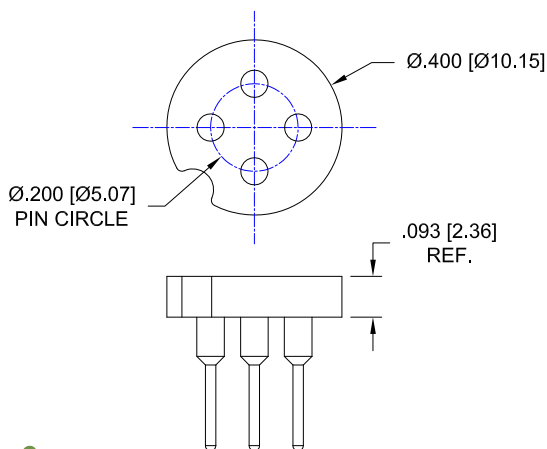
Thru-Hole: R180-0402-01T-**01S**-R27-L14

Surface Mount: R180-0402-01T-**93S**-R27-L14

## THORLABS Continued

Top View Shown

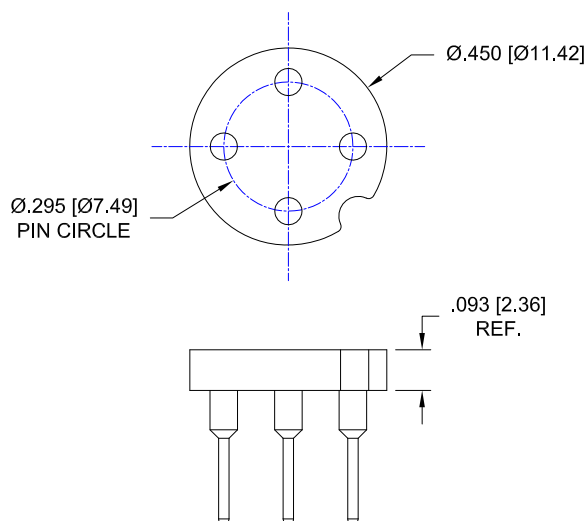
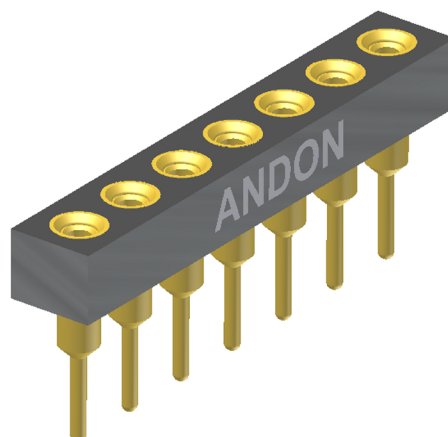
Units: in [mm]



**Fig. 9**

Thru-Hole: R200-SP04-01N-539S-R27-L14

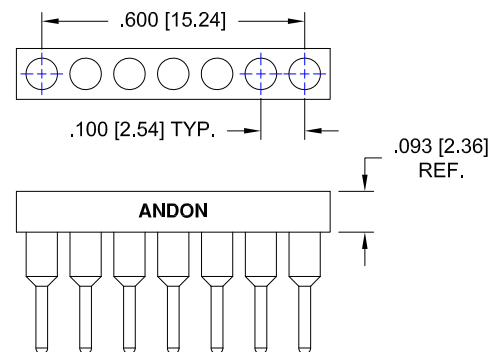
Surface Mount: R200-SP04-01N-384S-R27-L14



**Fig. 10**

Thru-Hole: R295-SP04-01N-539S-R27-L14

Surface Mount: R295-SP04-01N-384S-R27-L14



**Fig. 11**

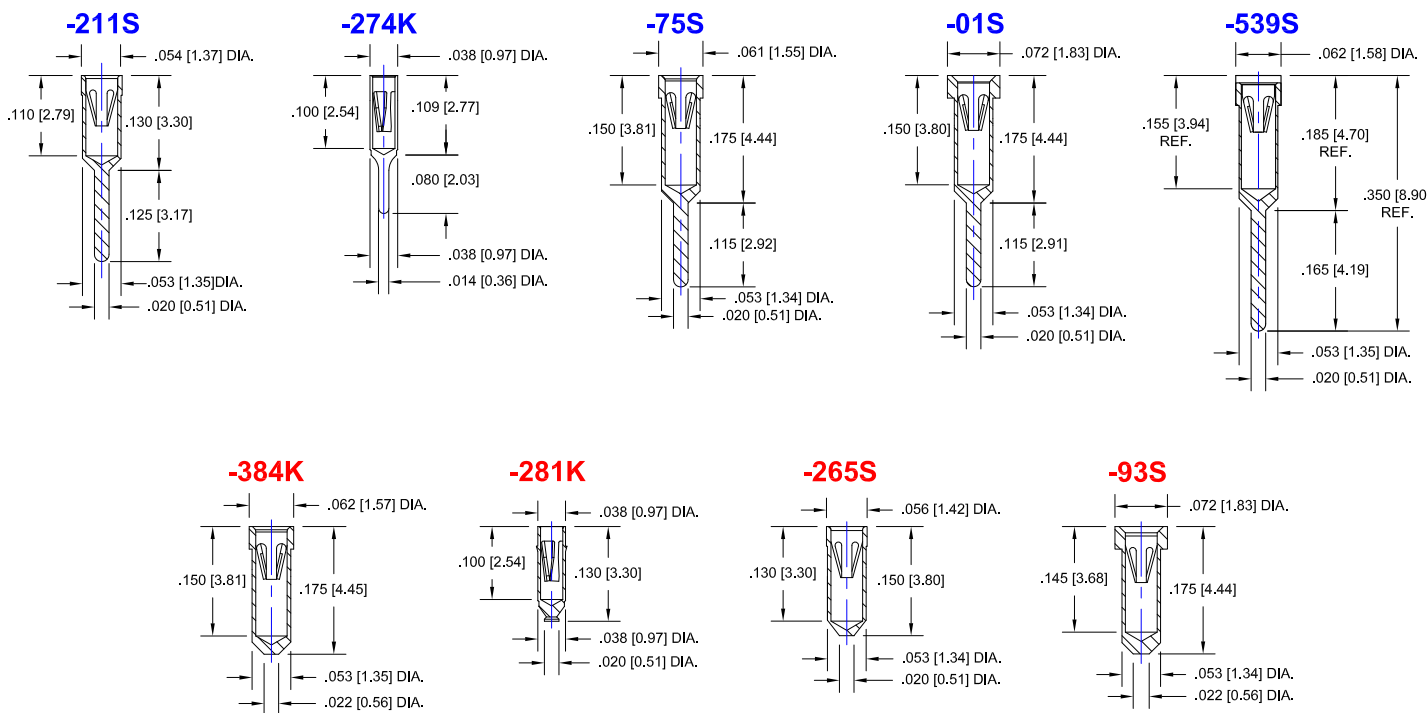
2 SIPS REQUIRED

Thru-Hole: (2) C10-007-07-01-01S-R27-L14

Surface Mount: (2) C10-007-07-01-93S-R27-L14

## THORLABS Continued

### Socket Terminal Details Cross Section View Shown Units: in [mm]



## Technical Information

### Material:

Insulator: Hi-Temp UL 94V-0  
 Terminal: Brass, per ASTM-B16  
 Contact: BeCu, Per ASTM-B194

### Plating: RoHS COMPLIANT

R27 TERMINAL: GOLD / CONTACT: GOLD

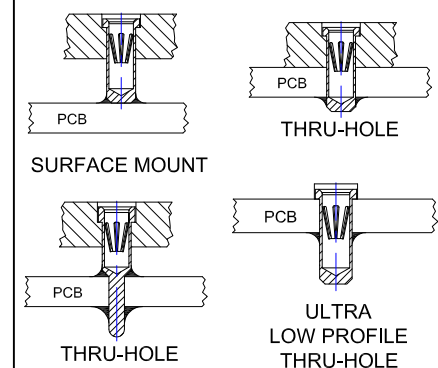
R17 TERMINAL: TIN / CONTACT: GOLD

OTHER PLATINGS AVAILABLE

### Terminal Acceptance and Forces

| Thru Hole Terminals |                      |                 |                  | Surface Mount Terminals |                      |                 |                  |
|---------------------|----------------------|-----------------|------------------|-------------------------|----------------------|-----------------|------------------|
| Thru Hole Terminal  | Accepts Pin Diameter | Insertion Force | Withdrawal Force | Surface Mount Terminal  | Accepts Pin Diameter | Insertion Force | Withdrawal Force |
| -211S               | Ø.018 [Ø0.46]        | 9.0 oz Avg.     | 2.0 oz Min       | -384S                   | Ø.018 [Ø0.46]        | 9.0 oz Avg.     | 2.0 oz Min       |
| -274K               | Ø.018 [Ø0.46]        | 1.0 oz Max      | 0.5 oz Min       | -281K                   | Ø.018 [Ø0.46]        | 1.0 oz Max      | 0.5 oz Min       |
| -75S                | Ø.018 [Ø0.46]        | 9.0 oz Avg.     | 2.0 oz Min       | -265S                   | Ø.018 [Ø0.46]        | 9.0 oz Avg.     | 2.0 oz Min       |
| -01S                | Ø.018 [Ø0.46]        | 9.0 oz Avg.     | 2.0 oz Min       | -93S                    | Ø.018 [Ø0.46]        | 9.0 oz Avg.     | 2.0 oz Min       |
| -539S               | Ø.018 [Ø0.46]        | 9.0 oz Avg.     | 2.0 oz Min       |                         |                      |                 |                  |

### MOUNTING OPTIONS



©Copyright 2013 Andon Electronics Corporation. All Rights Reserved. This material is protected under US and other copyrights and may not be copied, sold, or redistributed in any form without written permission of Andon Electronics Corporation. Copyrights and trademarks are property of their respective companies. We reserve the right to change specifications without notice. Andon makes no warranty, expressed or implied, as to the suitability of the sockets for the intended purpose.

"ANDON PROPRIETARY INFORMATION"

RoHS Compliant

\*Sockets are not drawn to scale THORLABS 06/25/2013

**ANDON ELECTRONICS CORPORATION**  
 4 Court Drive, Lincoln RI 02865, United States of America

www.andonelectronics.com or www.andonelect.com  
 Phone 401-333-0388 Fax 401-333-0287  
 Email Info@andonelect.com

At Andon Electronics we provide interconnection components that help companies to cost effectively protect, assemble, test and replace their semiconductor devices.



- PGA SOCKETS & ADAPTERS
- BGA SOCKETS & ADAPTERS
- SMD SOCKETS & ADAPTERS
- DIP SOCKETS & ADAPTERS
- SIP SOCKETS & ADAPTERS
- FUSE SOCKETS
- TERMINALS AND TEST JACKS
- LCC SOCKETS
- PLCC SOCKETS
- IMAGE SENSOR SOCKETS
- GAS SENSOR SOCKETS
- OPTOELECTRONIC SOCKETS
- CARRIER SOCKETS
- BATTERY SOCKETS
- TEST SOCKETS

We offer custom as well as our standard catalog items.

Our intention is to be your one stop for all of your interconnection requirements.

Please visit our website at [www.andonelect.com](http://www.andonelect.com) if you have any questions please do not hesitate to contact us.

### Contact: Customer Service

Phone: (401) 333-0388

Fax: (401) 333-0287

Email: [info@andonelect.com](mailto:info@andonelect.com)



**Distributed Worldwide.**



**ANDON ELECTRONICS CORPORATION**

4 Court Drive Lincoln, RI 02865 USA

Phone: 401-333-0388 Fax: 401-333-0287

Email: [Info@andonelect.com](mailto:Info@andonelect.com)

Visit us on the Web at [www.andonelect.com](http://www.andonelect.com)  
or [www.andonelectronics.com](http://www.andonelectronics.com)