HIGH RELIABILITY OPTOELECTRONIC SOCKETS FOR NANO PLUS

Featuring Andon's Unique Senstac™ Contact
### NANOPLUS GmbH SOCKETS

<table>
<thead>
<tr>
<th>Nanoplus GmbH Sockets</th>
<th>Andon Part Number</th>
<th>Terminal Type</th>
<th>Pin Ø [in]</th>
<th>Figure Number</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO5</td>
<td>R200-0808-01T-XXX-R27-L14</td>
<td>Thru-Hole</td>
<td>75S</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>TO5.6</td>
<td>R080-0403-01N-XXX-R27-L14</td>
<td>Thru-Hole</td>
<td>274K</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>TO66</td>
<td>F325-1009-04-XXX-R27-L14</td>
<td>Thru-Hole</td>
<td>295V</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>TO 8mm</td>
<td>R375-SP06-02T-XXX-R27-L14</td>
<td>Thru-Hole</td>
<td>75S</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>TO 9mm</td>
<td>R100-0403-01T-XXX-R27-L14</td>
<td>Thru-Hole</td>
<td>75S</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>14 Pin-Butterfly</td>
<td>(2) 405-0707-01-XXX-R27-L14</td>
<td>Thru-Hole</td>
<td>01S</td>
<td>6</td>
<td>1</td>
</tr>
</tbody>
</table>

**Top View Shown**

**Units: in [mm]**

**Fig. 1**
Thru-Hole: R080-0403-01N-274K-R27-L14
Surface Mount: R080-0403-01N-281K-R27-L14

**Fig. 2**
Thru-Hole: F325-1009-04-295V-R27-L14
Surface Mount: F325-1009-04-439V-R27-L14

**Fig. 3**
Thru-Hole: R100-0403-01T-75S-R27-L14
Surface Mount: R100-0403-01T-265S-R27-L14

**Fig. 4**
Thru-Hole: R200-0808-01T-75S-R27-L14
Surface Mount: R200-0808-01T-265S-R27-L14

**Fig. 5**
Thru-Hole: R375-SP06-02T-75S-R27-L14
Surface Mount: R375-SP06-02T-265S-R27-L14

**Fig. 6**
Thru-Hole: (2) 405-0707-01-295V-R27-L14
Surface Mount: (2) 405-0707-01-439V-R27-L14

---

*Andon Part Numbers are to be used with the Terminal Type and Pin Ø as indicated.*

**Oddments**

- 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.

**Proprietary**

RoHS Compliant

Andon Electronics Corporation
4 Court Drive, Lincoln RI 02865, United States of America

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

Email Info@andonelect.com

www.andonelectronics.com or www.andonelect.com
Terminals

NANOPLUS GmbH Continued
Terminal
Cross Section View Shown Units: in [mm]
Other Terminal Layouts and Configurations available

THRU HOLE OPTION

SURFACE MOUNT OPTION

Technical Information

Material:
Insulator: Hi-Temp UL 94V-O
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

<table>
<thead>
<tr>
<th>Terminal Acceptance and Forces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thru Hole Terminals</td>
</tr>
<tr>
<td>Thru Hole Terminal</td>
</tr>
<tr>
<td>-274K</td>
</tr>
<tr>
<td>-75S</td>
</tr>
<tr>
<td>-295V</td>
</tr>
</tbody>
</table>

©Copyright 2019 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.

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

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

Page 2
Mounting Options

A. THRU-HOLE
B. SURFACE MOUNT FLAT FOOT
C. SURFACE MOUNT ROLLERBALL®
D. CARRIER ASSEMBLY WITH OR WITHOUT SOLDER WASHER
E. INDIVIDUAL PIN SOCKET WITH OR WITHOUT SOLDER WASHER

ROLLERBALL® SOCKET
BEFORE SOLDERING

ROLLERBALL® SOCKET
AFTER SOLDERING

ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY

Before Soldering
Socket Insulator
SIP Carrier
Ultra Low Profile Terminals
PCB

During Soldering

After Soldering
SIP Carrier removed after soldering
Ultra Low Profile Terminals

Available with or without solder washer

©Copyright 2019 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.

Proprietary
RoHS Compliant

*Sockets are not drawn to scale Nanoplus GmbH 07/02/2019

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