

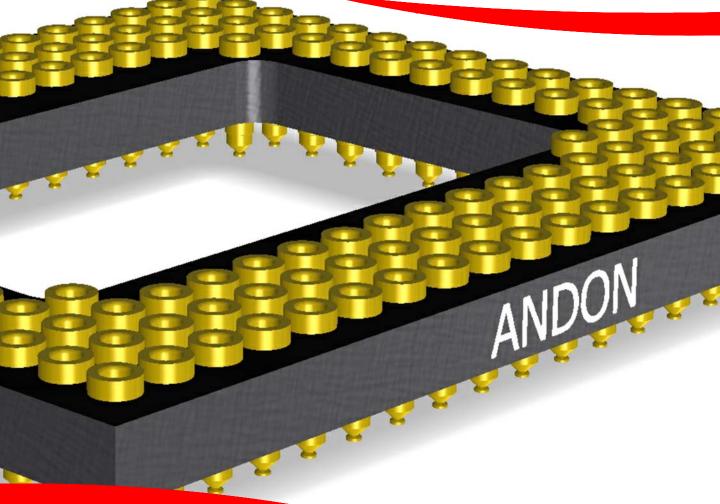






High-Reliability Image Sensor Sockets for Gpixel Inc.





Featuring Andon's Unique Senstac Contact







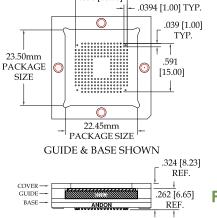


GPIXEL INC.								
GPIXEL INC.	Andon Part Number Replace "XXX" with Terminal	Terminal Type Surface			Pin Ø	Figure	Page	
Model Number	Туре	Thru-Hole	Mount	Rollerball®	[in]	Number	Number	
GL0204	694D-84-XX-XXX-R27-L14-X	TH-491	SM-500	SM-RB593	-	9	3	
GL0402	694D-76-XX-XXX-R27-L14-X	TH-491	SM-500	SM-RB593	-	13	4	
GL0816	10-37-01-258-XXX-R27-L14	400T4	414T4	RB501T4	.012	6	3	
GL1608	575-37-02-136-XXX-R27-L14	01M	93M	RB338K	.018	7	3	
GLT5009BSI	10-45-01-269-XXX-R27-L14	400T4	414T4	RB501T4	.012	20	7	
GLUX9701BSI	684-84-XX-XXX-R27-L14-1	TH-491	SM-500	SM-RB593	-	21	7	
GMAX0505	694-230B-XX-XXX-R27-L14-1	TH-491	SM-500	SM-RB593	-	1	1	
GMAX0806	10-24-10A-183-XXX-R27-L14	400T4	414T4	RB501T4	.012	5	2	
GMAX2505	694-230C-XX-XXX-R27-L14-1	TH-491	SM-500	SM-RB593	-	14	5	
GMAX2509	694-230D-XX-XXX-R27-L14-1	TH-491	SM-500	SM-RB593	-	15	5	
GMAX2518	694-230E-XX-XXX-R27-L14-1	TH-491	SM-500	SM-RB593	-	16	6	
GMAX32103	10-35-07A-209-XXX-R27-L14	400T4	414T4	RB501T4	.012	17	6	
GMAX32152	10-46-03-183-XXX-R27-L14	400T4	414T4	RB501T4	.012	8	3	
GMAX3265	10-26-40-239-XXX-R27-L14	400T4	414T4	RB501T4	.012	11	4	
GMAX4651	585-19-23-238-XXX-R27-L14	75M	384M	-	.018	12	4	
GSENSE1516BSI	575-27-01-323-XXX-R27-L14	01P28	93P28	RB338K	.018	18	6	
GSENSE2011s/2011e	10-18-04A-153-XXX-R27-L14	400T4	414T4	RB501T4	.012	2	2	
GSENSE2020BSI	10-18-04A-153-XXX-R27-L14	400T4	414T4	RB501T4	.012	2	2	
GSENSE2020s/2020e	10-18-04A-153-XXX-R27-L14	400T4	414T4	RB501T4	.012	2	2	
GSENSE400	575-13-87-115-XXX-R27-L14	01M	93M	RB338K	.018	3	2	
GSENSE400	575-13-87A-115-XXX-R27-L14	01M	93M	RB338K	.018	3	2	
GSENSE400BSI	575-13-87-115-XXX-R27-L14	01M	93M	RB338K	.018	3	2	
GSENSE400BSI	575-13-87A-115-XXX-R27-L14	01M	93M	RB338K	.018	3	2	
GSENSE4040/4040BSI	575-20-21A-140-XXX-R27-L14	01M	93M	RB338K	.018	4	2	
GSENSE6060/6060BSI	575-38-03A-250-XXX-R27-L14	01M	93M	RB338K	.018	10	4	
GSPRINT4521	9-10-30-15-454-XXX-R27-L14	274UM	315UM	RB338UM	.012	19	7	

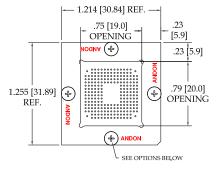
## Patented Heat Sink Sockets<sup>™</sup> (socket with heat sink feature)

GPIXEL LNC.									
<b>GPIXEL</b> Model Number	Andon Part Number Replace "XXX" with Terminal Type	Thru-Hole	erminal Type Surface Mount	Rollerball®	Pin Ø [in]	5	Page Number		
GMAX32103	10-35-07-209-XXX-R27-L14-HS1	400T4	-	-	.012	23	9		
GSPRINT4521	10-30-15-454-XXX-R27-L14-HS1	275UM	-	_	.012	22	9		

#### TOP VIEW



.630 [16.00] |



COVER & HARDWARE SHOWN

Fig. 1 230 Pins

Thru-Hole: 694-230B-TH-491-R27-L14-1
Surface Mount: 694-230B-SM-500-R27-L14-1
Rollerball®: 694-230B-SM-RB593-R27-L14-1

©Copyright 2021 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.

Rollerball® U.S. PATENT CANADIAN PATENT "ANDON PROPRIETARY INFORMATION'
ROHS Compliant









#### **GPIXEL INC.** Continued

#### **Image Sensor Socket Footprints**

Units: in [mm]

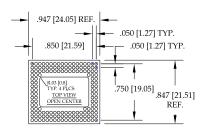




Fig. 2 153 Pins

Thru-Hole: 10-18-04A-153-400T4-R27-L14
Surface Mount: 10-18-04A-153-414T4-R27-L14
Rollerball®: 10-18-04A-153-RB501T4-R27-L14

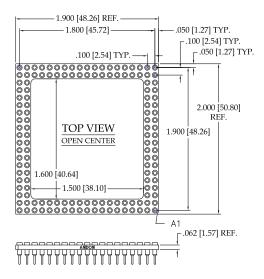
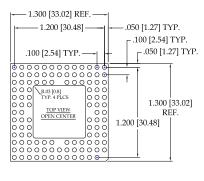
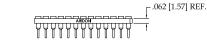


Fig. 4 140 Pins

Thru-Hole: 575-20-21A-140-01M-R27-L14
Surface Mount: 575-20-21A-140-93M-R27-L14
Rollerball®: 575-20-21A-140-RB338K-R27-L14





#### Fig. 3 115 Pins

Thru-Hole: 575-13-87-115-01M-R27-L14
Surface Mount: 575-13-87-115-93M-R27-L14
Rollerball®: 575-13-87-115-RB338K-R27-L14

#### WITH OPTIONAL WINDOW

Thru-Hole: 575-13-87A-115-01M-R27-L14
Surface Mount: 575-13-87A-115-93M-R27-L14
Rollerball®: 575-13-87A-115-RB338K-R27-L14

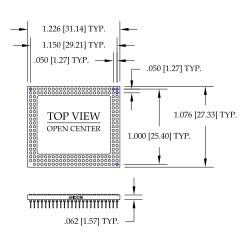


Fig. 5 183 Pins

Thru-Hole: 10-24-10A-183-400T4-R27-L14
Surface Mount: 10-24-10A-183-414T4-R27-L14
Rollerball®: 10-24-10A-183-RB501T4-R27-L14

©Copyright 2021 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.

ollerball® U.S. PATENT CANADIAN PATENT "ANDON PROPRIETARY INFORMATION"
ROHS Compliant





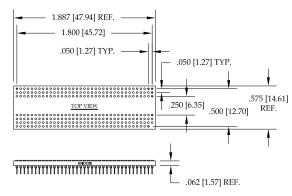




#### **GPIXEL INC.** Continued

#### **Image Sensor Socket Footprints**

Units: in [mm]



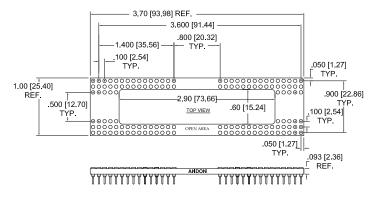


Fig. 6 258 Pins

Thru-Hole: 10-37-01-258-400T4-R27-L14
Surface Mount: 10-37-01-258-414T4-R27-L14
Rollerball®: 10-37-01-258-RB501T4-R27-L14

Fig. 7 136 Pins

Thru-Hole: 575-37-02-136-01M-R27-L14
Surface Mount: 575-37-02-136-93M-R27-L14
Rollerball®: 575-37-02-136-RB338K-R27-L14

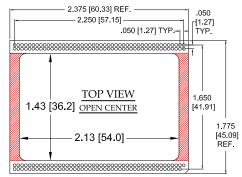


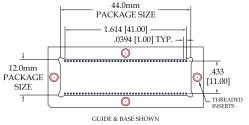
Fig. 8 183 Pins

Thru-Hole: 10-46-03-183-400T4-R27-L14
Surface Mount: 10-46-03-183-414T4-R27-L14
Rollerball®: 10-46-03-183-RB501T4-R27-L14

REFER TO LAST PAGE FOR CARRIER OPTIONS RED SECTIONS OF INSULATOR CAN BE OMITTED AND THIS CARRIER USED IN THEIR PLACE:

Carrier/Sips: 9-10-46-03-183-XXX-R27-L14-SIP

—— Replace "-XXX" with choice of terminal



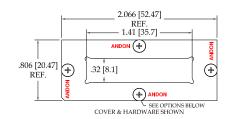


Fig. 9 84 Pins

Thru-Hole: 694D-84-TH-491-R27-L14-1
Surface Mount: 694D-84-SM-500-R27-L14-1
Rollerball®: 694D-84-SM-RB593-R27-L14-1

©Copyright 2021 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.

Rollerball® U.S. PATENT CANADIAN PATENT "ANDON PROPRIETARY INFORMATION"
ROHS Compliant









#### **GPIXEL INC.** Continued

#### **Image Sensor Socket Footprints**

Units: in [mm]

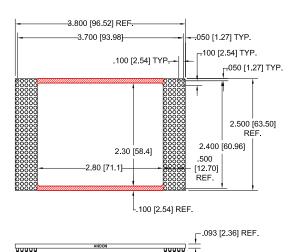


Fig. 10 250 Pins

Thru-Hole: 575-38-03A-250-01M-R27-L14
Surface Mount: 575-38-03A-250-93M-R27-L14
Rollerball®: 575-38-03A-250-RB338K-R27-L14

REFER TO LAST PAGE FOR CARRIER OPTIONS RED SECTIONS OF INSULATOR CAN BE OMITTED AND THIS CARRIER USED IN THEIR PLACE:

Carrier/Sips: 9-575-38-03A-250-XXX-R27-L14-SIP

— Replace "-XXX" with choice of terminal

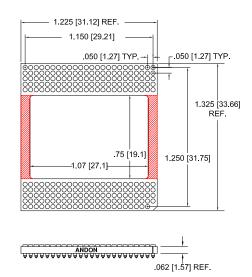


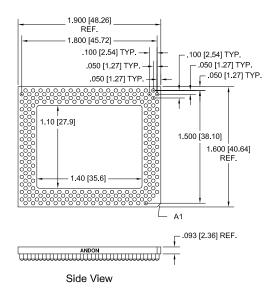
Fig. 11 239 Pins

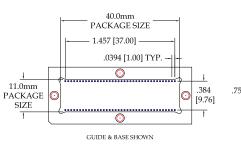
Thru-Hole: 10-26-40-239-400T4-R27-L14
Surface Mount: 10-26-40-239-414T4-R27-L14
Rollerball®: 10-26-40-239-RB501T4-R27-L14

REFER TO LAST PAGE FOR CARRIER OPTIONS RED SECTIONS OF INSULATOR CAN BE OMITTED AND THIS CARRIER USED IN THEIR PLACE:

Carrier/Sips: 9-10-26-40-239-XXX-R27-L14-SIP

—— Replace "-XXX" with choice of terminal





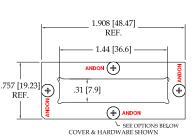


Fig. 12 238 Pins

Thru-Hole: 585-19-23-238-75M-R27-L14 Surface Mount: 585-19-23-238-384M-R27-L14

Fig. 13 76 Pins

Thru-Hole: 694D-76-TH-491-R27-L14-1
Surface Mount: 694D-76-SM-500-R27-L14-1
Rollerball®: 694D-76-SM-RB593-R27-L14-1

©Copyright 2021 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.

Rollerball® U.S. PATENT CANADIAN PATENT "ANDON PROPRIETARY INFORMATION'
ROHS Compliant





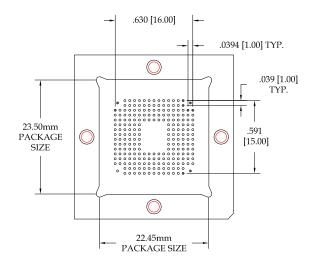


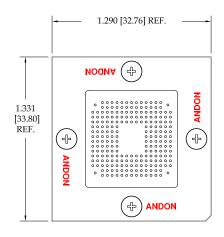


#### **GPIXEL INC.** Continued

#### **Image Sensor Socket Footprints**

Units: in [mm]



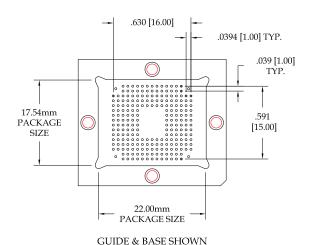


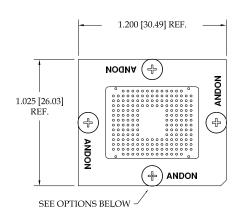
GUIDE & BASE SHOWN

COVER & HARDWARE SHOWN

Fig. 14 230 Pins

Thru-Hole: 694-230C-TH-491-R27-L14-1
Surface Mount: 694-230C-SM-500-R27-L14-1
Rollerball®: 694-230C-SM-RB593-R27-L14-1





COVER & HARDWARE SHOWN

Fig. 15 230 Pins

Thru-Hole: 694-230D-TH-491-R27-L14-1
Surface Mount: 694-230D-SM-500-R27-L14-1
Rollerball®: 694-230D-SM-RB593-R27-L14-1

©Copyright 2021 Andon Electronics Corporation. All Rights Reserved. This material is protected under US and other copyrights and may not be copled, 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.

Rollerball® U.S. PATENT CANADIAN PATENT "ANDON PROPRIETARY INFORMATION'
ROHS Compliant





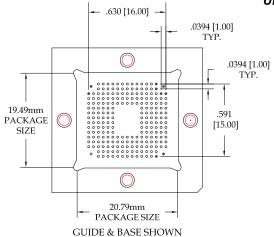


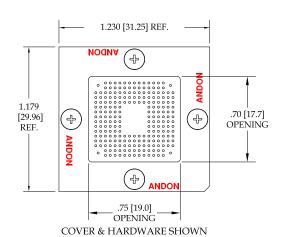


#### **GPIXEL INC.** Continued

#### **Image Sensor Socket Footprints**

Units: in [mm]

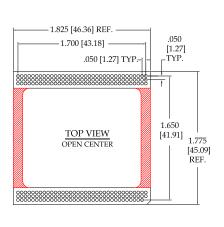


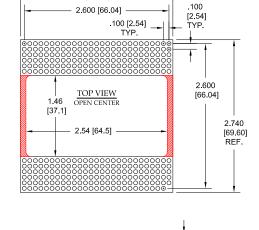


2.740 [69.60] REF.

Fig. 16 230 Pins

Thru-Hole: 694-230E-TH-491-R27-L14-1
Surface Mount: 694-230E-SM-500-R27-L14-1
Rollerball®: 694-230E-SM-RB593-R27-L14-1





**209 Pins** 

Fig. 17

Fig. 18 323 Pins

Thru-Hole: 10-35-07A-209-400T4-R27-L14
Surface Mount: 10-35-07A-209-414T4-R27-L14
Rollerball®: 10-35-07A-209-RB501T4-R27-L14

Thru-Hole: 575-27-01-323-01P28-R27-L14
Surface Mount: 575-27-01-323-93P28-R27-L14
Rollerball®: 575-27-01-323-RB338K-R27-L14
REFER TO LAST PAGE FOR CARRIER OPTIONS

REFER TO LAST PAGE FOR CARRIER OPTIONS RED SECTIONS OF INSULATOR CAN BE OMITTED AND THIS CARRIER USED IN THEIR PLACE:

RED SECTIONS OF INSULATOR CAN BE OMITTED AND THIS CARRIER USED IN THEIR PLACE:

Carrier/Sips: 9-575-27-01-323-XXX-R27-L14-SIP

Carrier/Sips: 9-10-35-07A-209-XXX-R27-L14-SIP

Replace "-XXX" with

.125 [3.18]

Replace "-XXX" with choice of terminal

©Copyright 2021 Andon Electronics Corporation. All Rights Reserved. This material is protected under US and other copyrights and may not be copled, 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.

Rollerball® U.S. PATENT CANADIAN PATENT "andon proprietary information" RoHS Compliant









#### **GPIXEL INC.** Continued

#### **Image Sensor Socket Footprints**

Units: in [mm]

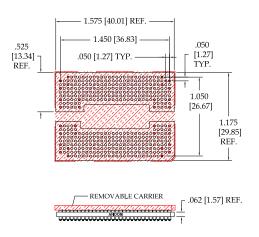


Fig. 19 454 Pins

Thru-Hole: 9-10-30-15-454-274UM-R27-L14
Surface Mount: 9-10-30-15-454-315UM-R27-L14
Rollerball®: 9-10-30-15-454-RB338UM-R27-L14

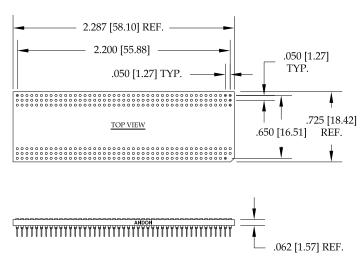
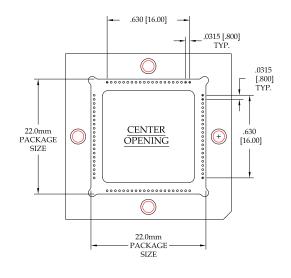
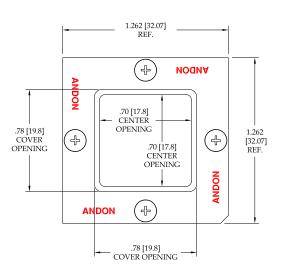


Fig. 20 269 Pins

Thru-Hole: 10-45-01-269-400T4-R27-L14
Surface Mount: 10-45-01-269-414T4-R27-L14
Rollerball®: 10-45-01-269-RB501T4-R27-L14



GUIDE & BASE SHOWN



COVER & HARDWARE SHOWN

Fig. 21 84 Pins

Thru-Hole: 684-84-TH-491-R27-L14-1 Surface Mount: 684-84-SM-500-R27-L14-1 Rollerball®: 684-84-SM-RB593-R27-L14-1

©Copyright 2021 Andon Electronics Corporation. All Rights Reserved. This material is protected under US and other copyrights and may not be copled, 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.

tollerball® U.S. PATENT CANADIAN PATENT "ANDON PROPRIETARY INFORMATION"
ROHS Compliant



## Heat Sink Sockets™







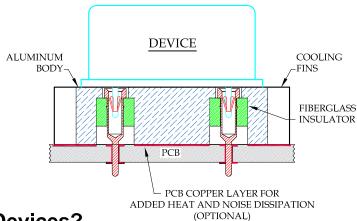
## Why Heat Sink Sockets<sup>™</sup>?

With the rising demand for higher resolution cameras, image sensors are getting increasingly hotter. Optoelectronic sensors and gas sensors have always generated a lot of heat. As heat increases, noise increases geometrically jeopardizing the proper functioning of the sensor. Now there's a solution...

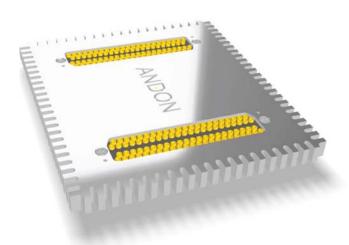
Andon's patented Heat Sink Sockets™ combine the heat dissipation properties of a heat sink with the benefits of using a socket - namely, to avoid exposing the device to high temp solder and contaminating cleaning solutions, as well as to enable easy removal of the device from the PCB without the labor and risk of de-soldering. Also unlike a thermoelectric cooler (TEC), Heat Sink Sockets™ draw the heat downward and away from the device body, require no power and take up little space.

## **How Do They Work?**

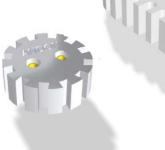
Using a Fiberglass insulator encased in an aluminum body, our patented Heat Sink Socket<sup>™</sup> design draws heat away from the device and disperses it through a series of cooling fins. An optional copper layer in the PCB can provide additional heat / noise dissipation, as needed.



## For What Types Of Devices?



PATENTED



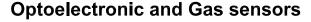


Image Sensors

©Copyright 2021 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



## Heat Sink Sockets™





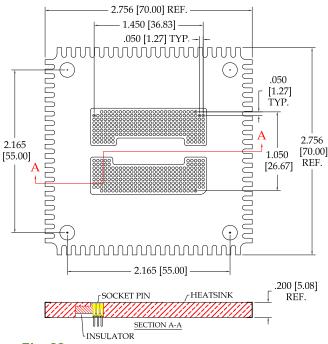


#### **GPIXEL INC.** Continued

#### **Image Sensor Socket Footprints**

Units: in [mm]

#### **PATENTED**



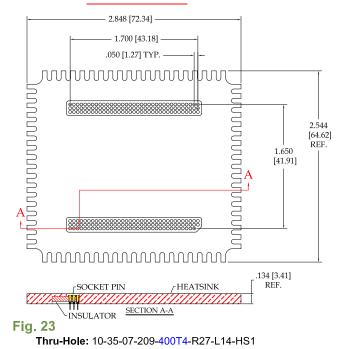
.083 [2.11]
REF.
.170
[4.32]
PCB COPPER LAYER
FOR HEAT DISSIPATION

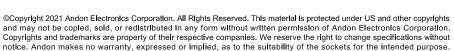
ASSEMBLED HEATSINK, DEVICE AND PCB

Fig. 22

Thru-Hole: 10-30-15-454-275UM-R27-L14-HS1

#### PATENTED





"ANDON PROPRIETARY INFORMATION"
ROHS Compliant

\*Sockets are not drawn to scale GPIXEL INC. 10/04/2021

DEVICE

.174 [4.42]

REF.

PCB COPPER LAYER FOR HEAT DISSIPATION HEATSINK

.220 [5.58]

REF.



## **Terminals**





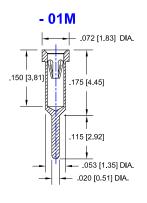


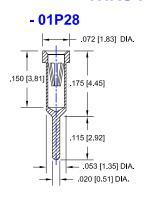
#### **GPIXEL INC.** Continued

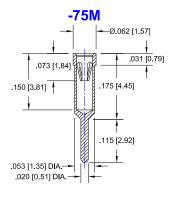
#### **Image Sensor Terminal Options**

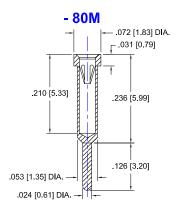
Units: in [mm]

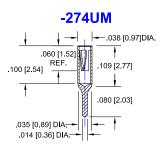
#### THRU HOLE OPTION

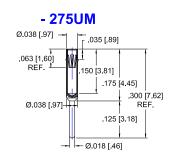


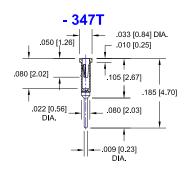


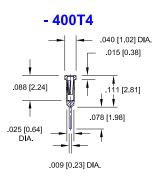


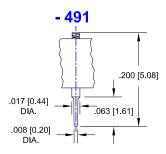












Material:

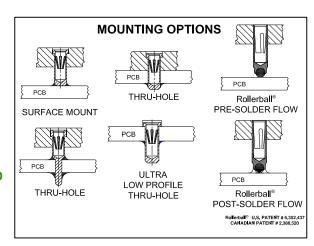
Insulator: Hi-Temp UL 94V-O

Terminal: Brass, per ASTM-B16

Contact: BeCu, Per ASTM-B194

## **Technical Information** Plating: RoHS COMPLIANT R27 TERMINAL: GOLD / CONTACT: GOLD **R29 TERMINAL: MATTE TIN / CONTACT: GOLD** R32 TERMINAL: MATTE TIN / CONTACT: TIN **OTHER PLATINGS AVAILABLE**

©Copyright 2021 Andon Electronics Corporation. All Rights Reserved. This material is protected under US and other copyrights and may not be copled, 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.



Rollerball® U.S. PATENT

"ANDON PROPRIETARY INFORMATION" RoHS Compliant



## **Terminals**







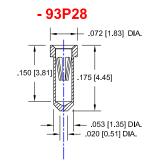
#### **GPIXEL INC.** Continued

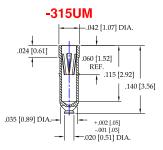
## **Image Sensor Terminal Options**

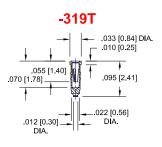
Units: in [mm]

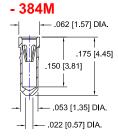
#### SURFACE MOUNT OPTION

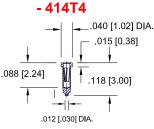


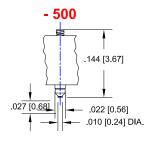


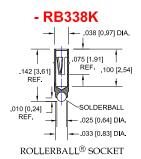


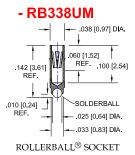




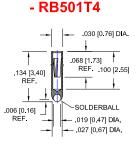




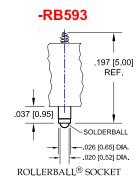








ROLLERBALL® SOCKET



ROLLERBALL <sup>®</sup> SOCKE <b>Terminal Acceptance and Forces</b>										
Thru Hole Terminals				Surface Mount Terminals						
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Insertion Diameter Force		Withdrawal Force			
-400T4	Ø.012 [Ø0.30]	1.05 oz Max	0.32 oz Min	-414T4	Ø.012 [Ø0.30]	1.05 oz Max	0.32 oz Min			
-01M	Ø.018 [Ø0.46]	1.60 oz Max	0.50 oz Min	-93M	Ø.018 [Ø0.46]	1.60 oz Max	0.50 oz Min			
-80M	Ø.018 [Ø0.46]	1.60 oz Max	0.50 oz Min	-93M	Ø.018 [Ø0.46]	1.60 oz Max	0.50 oz Min			
-491	-	-	-	-500	-	-	-			
-75M	Ø.018 [Ø0.46]	1.60 oz Max	0.50 oz Min	-384M	Ø.018 [Ø0.46]	1.60 oz Max	0.50 oz Min			
-347T	Ø.010 [Ø0.30]	1.00 oz Max	0.30 oz Min	-319T	Ø.010 [Ø0.46]	1.00 oz Max	0.30 oz Min			
				-RB339T	Ø.010 [Ø0.30]	1.00 oz Max	0.30 oz Min			
				-RB338K	Ø.018 [Ø0.46]	1.24 oz Max	0.50 oz Min			

Ø.012 [Ø0.30] 1.05 oz Max 0.32 oz Min -RB501T4 -RB593

**MOUNTING OPTIONS** PCB PCB THRU-HOLE Rollerball® PRE-SOLDER FLOW SURFACE MOUNT PCB PCB ULTRA РСВ LOW PROFILE THRU-HOLE Rollerball® THRU-HOLE POST-SOLDER FLOW

©Copyright 2021 Andon Electronics Corporation. All Rights Reserved. This material is protected under US and other copyrights and may not be copled, 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.

Rollerball® U.S. PATENT

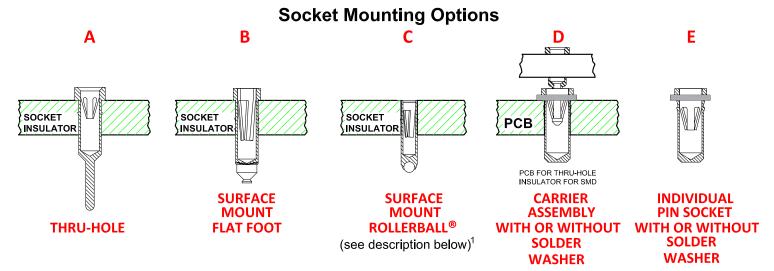
"ANDON PROPRIETARY INFORMATION" RoHS Compliant







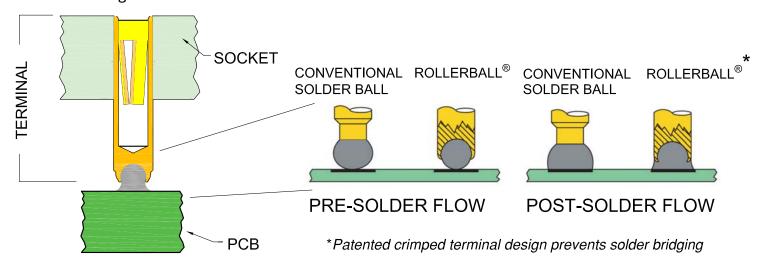




<sup>1</sup>Andon's patented Rollerball<sup>®</sup> socket terminal option provides more accurate soldering, a stronger connection, and improved electrical connectivity - especially under shock and vibration - than other solder ball terminal designs. Better yet, it can enable you to avoid expensive rework and scrap - especially with larger PCBs where coplanarity is an inherent challenge.

The bottom of these terminals has a radiused hole, to prevent gas entrapment. The terminal is crimped over the solder ball beyond its hemisphere, encapsulating it - leaving just enough of the solder ball exposed to provide sufficient solder without the solder bridging common in conventional solder ball terminal designs.

With this unique design, the critical distance between the terminal and the PC board pad is typically reduced from .036"-.040" to .018"-.022". As such, the solder becomes part of the "anchor" cross-section - providing additional mechanical strength to the connection, as well as improved electrical connectivity. Because it also provides controlled dispersion of solder, this encapsulated solder ball reduces the risk of solder bridging inherent in conventional solder ball terminal designs.



©Copyright 2021 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"
CANADIAN PATENT
CANADIAN PATEN



# Carrier Assembly Configurations







## For fast, accurate placement of SIP sockets and ultra-low profile terminals

Phase 1: Receive Carrier Assemblies designed to your pin layout.



Phase 2: Place carrier assemblies onto PCB;

run through your soldering process.

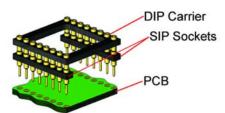


Phase 3:

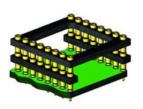
Remove carrier and plug in your device; discard carrier.

#### DIP

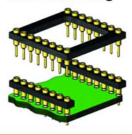
**Before Soldering** 



## **During Soldering**

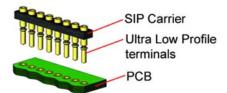


**After Soldering** 



#### **ULTRA-LOW PROFILE SIP**

**Before Soldering** 



## **During Soldering**

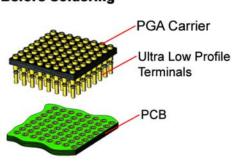


#### After Soldering

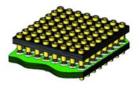


#### **ULTRA-LOW PROFILE PGA**

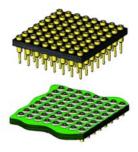
**Before Soldering** 



## **During Soldering**

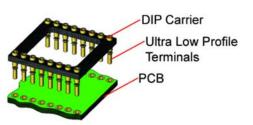


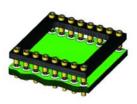
**After Soldering** 



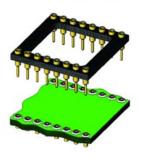
## ULTRA LOW PROFILE DIP During Soldering

#### **Before Soldering**





#### After Soldering



"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

\*Sockets are not drawn to scale GPIXEL INC. 10/04/2021

©Copyright 2021 Andon Electronics Corporation. All Rights Reserved. This material is protected under US and other copyrights and may not be copled, 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 sultability of the sockets for the Intended purpose.