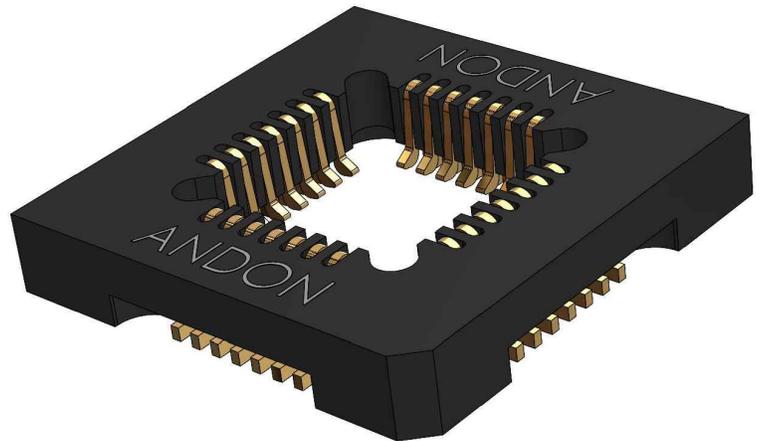


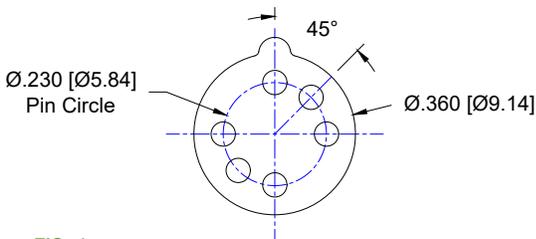


## *High-Reliability Gas Sensor Sockets for Micro-Hybrid Electronics Inc.*

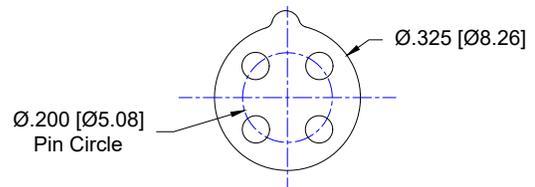


*Featuring Andon's Unique Senstac<sup>TM</sup> Contact*

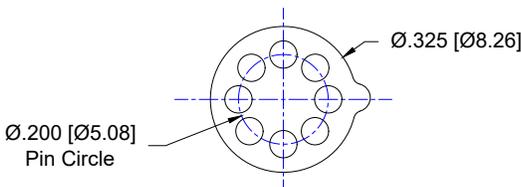
MICRO-HYBRID ELECTRONIC GmbH						
MICRO-HYBRID ELECTRONIC GmbH Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
MTS4SENS	R230-0806-03T-211S-R27-L14	211S	384S	.018	1	1
MTS2SENS	R200-0404-01T-01S-R27-L14	01S	93S	.018	2	1
MPS4SENS	R200-0808-01T-75S-R27-L14	75S	265S	.018	3	1
MPS2SENS	R200-0805-01T-75S-R27-L14	75S	265S	.018	4	1
MTS1HIGHTEMP80	R200-0404-01T-01S-R27-L14	01S	93S	.018	2	1
MTS1TEMP80/44	R200-0404-01T-01S-R27-L14	01S	93S	.018	2	1
JSIR 340-4-LCC	687-28-SM-G10-L14-X	N/A	N/A	N/A	6	2
JSIR 340-4-T039	R200-0403-01T-01S-R27-L14	01S	93S	.018	5	2
JSIR 350-4	R200-0403-01T-01S-R27-L14	01S	93S	.018	5	2
JSIR 350-5	R200-0403-01T-01S-R27-L14	01S	93S	.018	5	2



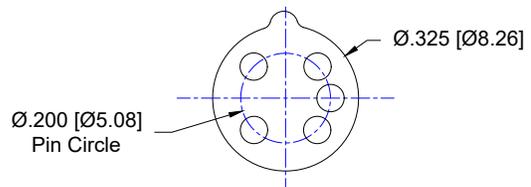
**FIG: 1**  
**Thru-Hole:** R230-0806-03T-211S-R27-L14  
**Surface Mount:** R230-0806-03T-384S-R27-L14



**FIG: 2**  
**Thru-Hole:** R200-0404-01T-01S-R27-L14  
**Surface Mount:** R200-0404-01T-93S-R27-L14



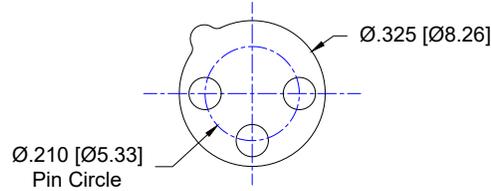
**FIG: 3**  
**Thru-Hole:** R200-0808-01T-75S-R27-L14  
**Surface Mount:** R200-0808-01T-265S-R27-L14



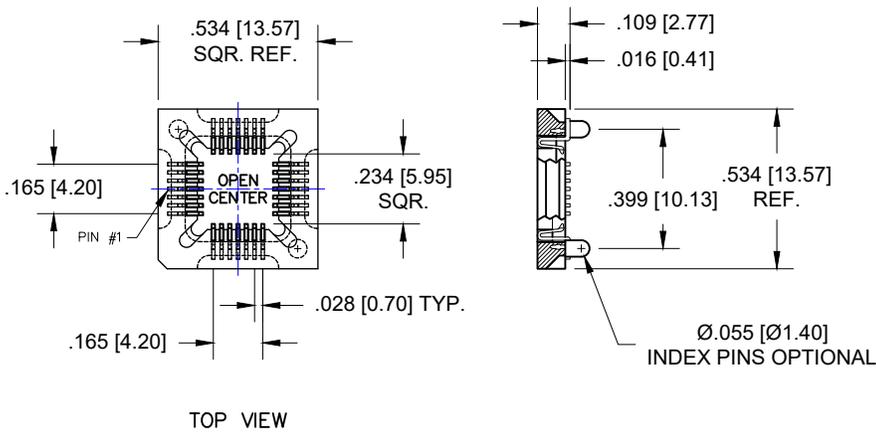
**FIG: 4**  
**Thru-Hole:** R200-0805-02T-75S-R27-L14  
**Surface Mount:** R200-0805-02T-265S-R27-L14

Heat sink socket available to reduce heat and noise. Contact Andon for details.

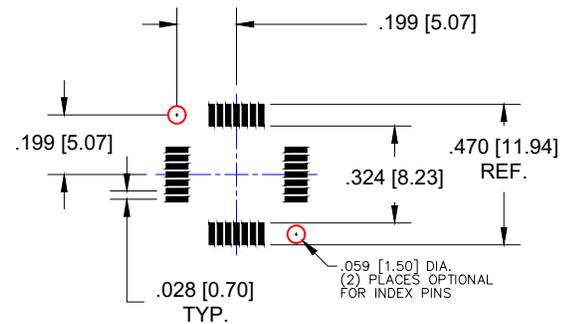
**Top View Shown**  
Units: in [mm]



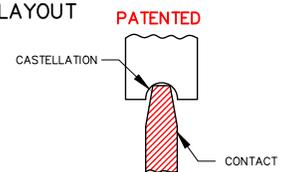
**FIG: 5**  
Thru-Hole: R210-0403-01T-01S-R27-L14  
Surface Mount: R210-0403-01T-93S-R27-L14

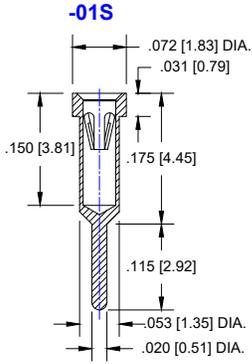


**FIG: 6**  
Surface Mount: 687-28-SM-G10-L14-X

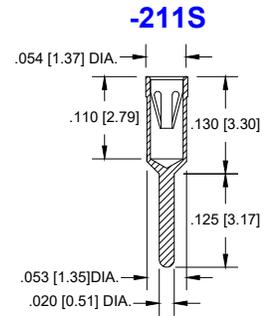
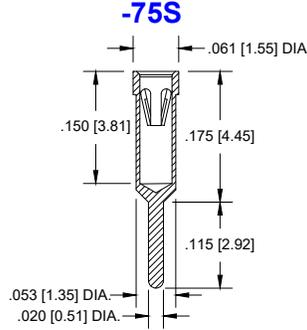


RECOMMENDED PCB LAYOUT



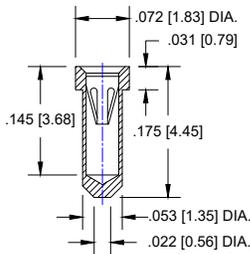


## THRU HOLE OPTION

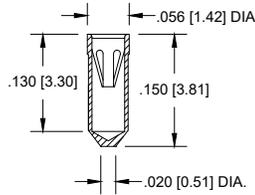


## SURFACE MOUNT OPTION

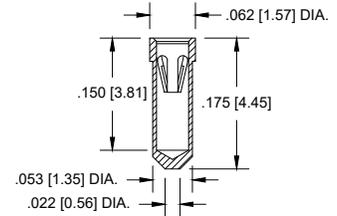
### -93S



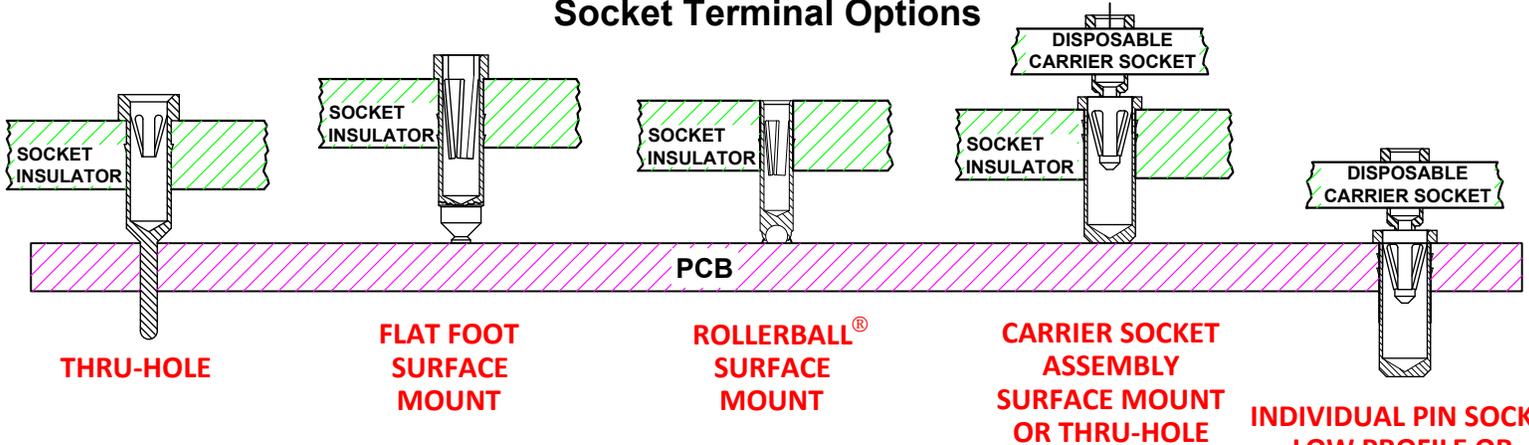
### -265S



### -384S



## Socket Terminal Options



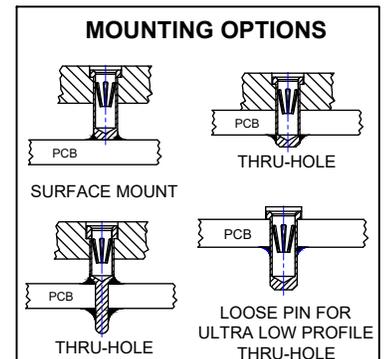
## Technical Information

### 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**  
**OTHER PLATINGS AVAILABLE**

Terminal Acceptance and Forces							
Thru Hole Socket Terminals				Surface Mount Socket Terminals			
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force
-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
-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
-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



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\*Sockets are not drawn to scale Micro-Hybrid Electronics GmbH. 04/12/2024

**"ANDON PROPRIETARY INFORMATION"**  
**RoHS Compliant**

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

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



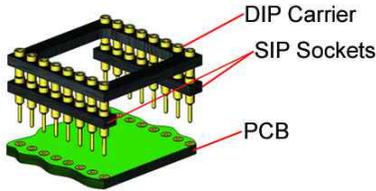
**Phase 2:**  
Place carrier assemblies onto PCB; run through your soldering process.



**Phase 3:**  
Remove carrier and plug in your device; discard carrier or send back to our factory for reloading.

## DIP

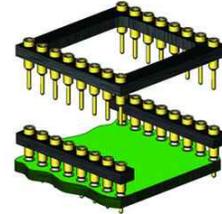
**Before Soldering**



**During Soldering**

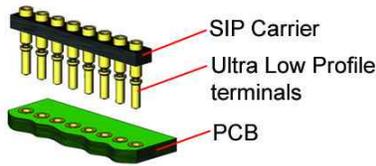


**After Soldering**

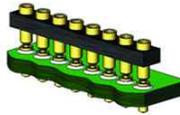


## ULTRA-LOW PROFILE SIP

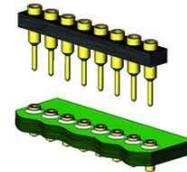
**Before Soldering**



**During Soldering**

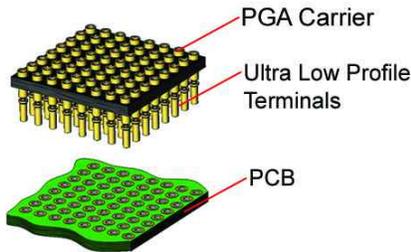


**After Soldering**



## ULTRA-LOW PROFILE PGA

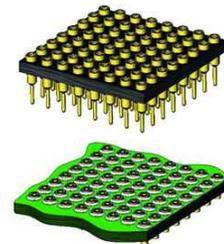
**Before Soldering**



**During Soldering**

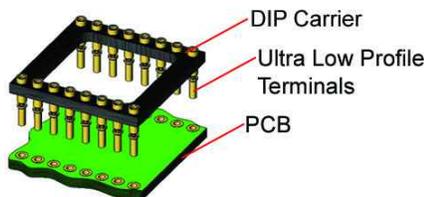


**After Soldering**

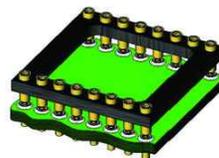


## ULTRA LOW PROFILE DIP

**Before Soldering**



**During Soldering**



**After Soldering**

