



## *High-Reliability Gas Sensor Sockets for Axetris AG*



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

AXETRIS						
Axetris Part Number	Andon Part Number Replace "XXX" With terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
EMIRS200_AT01T	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT01T_BC130	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT01T_BR060_SERIES	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT01T_BR080	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT01T_BR080_SERIES	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT01T_BR090	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT01T_BR100	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT02V	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT02V_BR060_SERIES	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRS200_AT03T_BT070	R200-0403-XXX-R27-L14	01S	93S	0.018	1	1
EMIRSS0_AT06V_BC150	R100-0403-06T-XXX-R27-L14	75S	265S	0.018	2	1
EMIRSS0_AT06V_BC170	R100-0403-06T-XXX-R27-L14	75S	265S	0.018	2	1
EMIRSS0_AT06V_BR25M	R100-0403-06T-XXX-R27-L14	75S	265S	0.018	2	1
EMIRSS0_AT06V_BR26M	R100-0403-06T-XXX-R27-L14	75S	265S	0.018	2	1

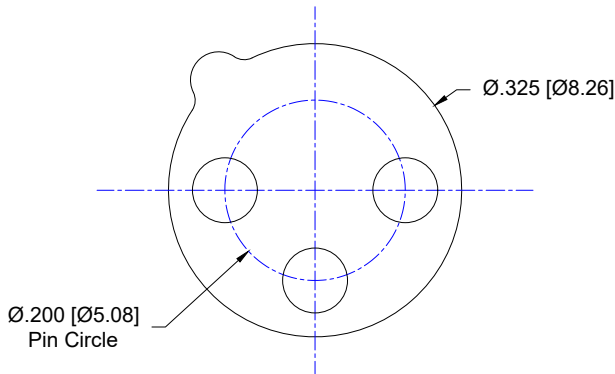


FIG: 1

**Thru-Hole:** R200-0403-02T-01S-R27-L14  
**Surface Mount:** R200-0403-02T-93S-R27-L14

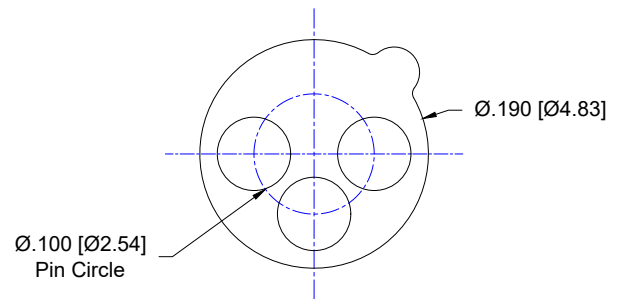
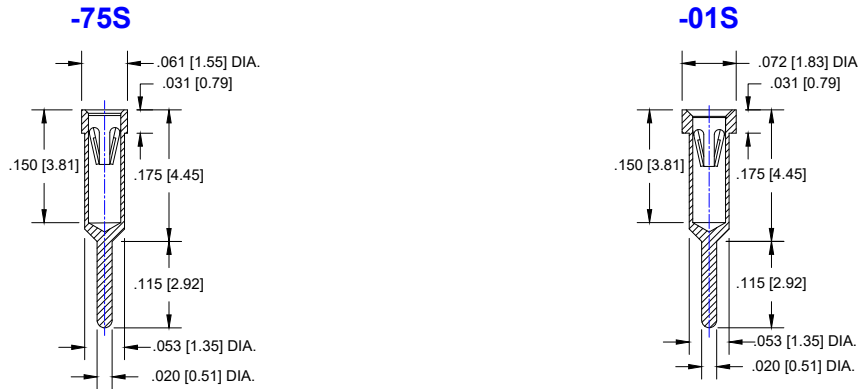


FIG: 2

**Thru-Hole:** R100-0403-06T-75S-R27-L14  
**Surface Mount:** R100-0403-06T-265S-R27-L14

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

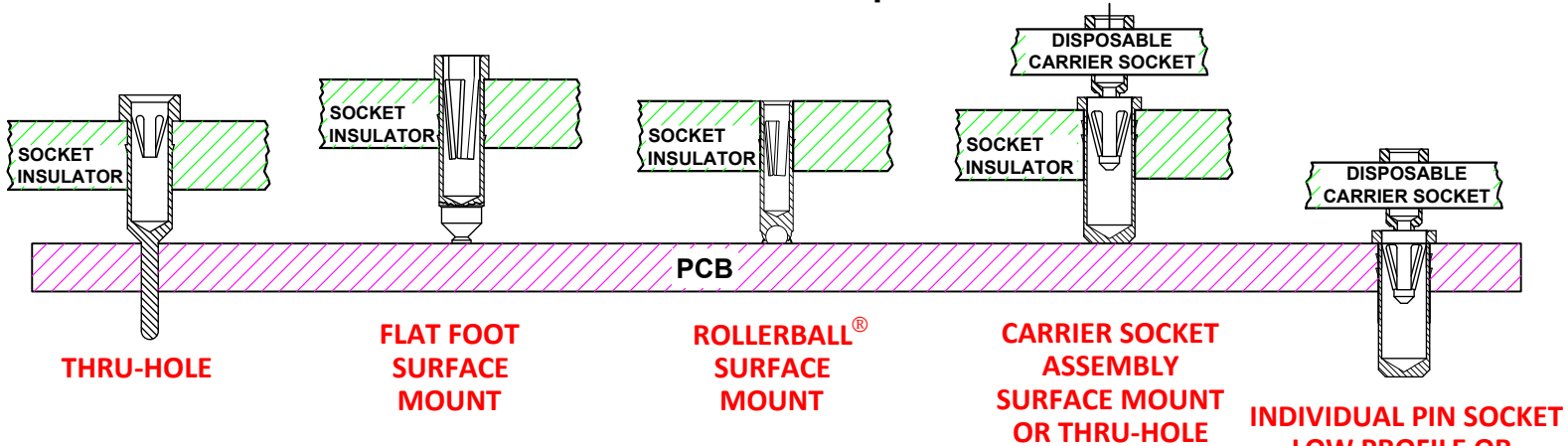
## THRU HOLE OPTION



## SURFACE MOUNT OPTION



## Socket Terminal Options



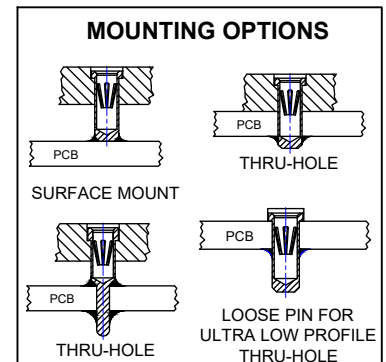
## Technical Information

### 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



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

\*Sockets are not drawn to scale Axetris AG. 05/17/2024

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

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



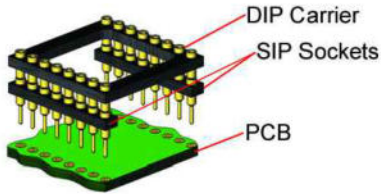
**Phase 2:**  
Place carrier assemblies onto PCB; run through your soldering process.



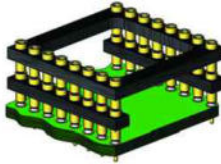
**Phase 3:**  
Remove carrier and plug in your device; discard carrier or send back to our factory for reloading.

### DIP

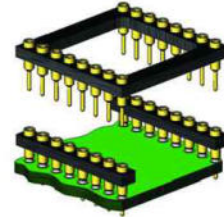
**Before Soldering**



**During Soldering**

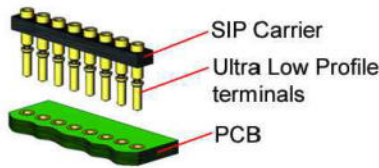


**After Soldering**

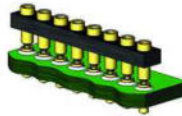


### ULTRA-LOW PROFILE SIP

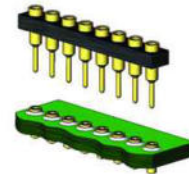
**Before Soldering**



**During Soldering**

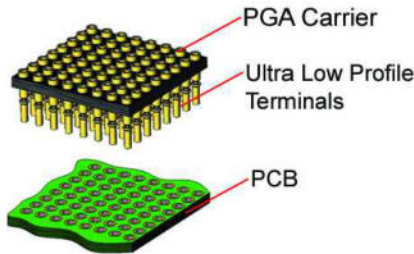


**After Soldering**

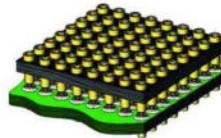


### ULTRA-LOW PROFILE PGA

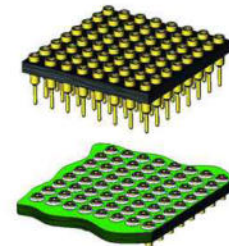
**Before Soldering**



**During Soldering**

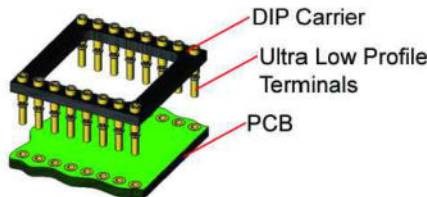


**After Soldering**

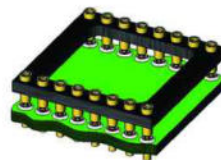


### ULTRA LOW PROFILE DIP

**Before Soldering**



**During Soldering**



**After Soldering**

