



High-Reliability Gas Sensor Sockets for Senovol Corporation



Featuring Andon's Unique SenstacTM Contact

Senovol Corporation						
Senovol Part Number	Andon Part Number Replace "XXX" With terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
PID-106S-0050	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106S-0100	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106S-0500	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106S-1000	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106S-2000	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106S-2001	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106S-5001	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106S-1002	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-E06S-0500	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-E06S-2000	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-E06S-2001	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-E06S-2002	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-0050	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-0100	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-0200	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-1000	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-2000	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-1001	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-5001	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106K-1002	R300-SP03-02T-XXX-R27-L14	436P55	440P55	0.062	1	1
PID-106D-0100	R1000-SP11-01T-XXX-R27-L14	01S	93S	0.018	2	1
PID-106D-0500	R1000-SP11-01T-XXX-R27-L14	01S	93S	0.018	2	1
PID-106D-1000	R1000-SP11-01T-XXX-R27-L14	01S	93S	0.018	2	1
PID-106D-2000	R1000-SP11-01T-XXX-R27-L14	01S	93S	0.018	2	1

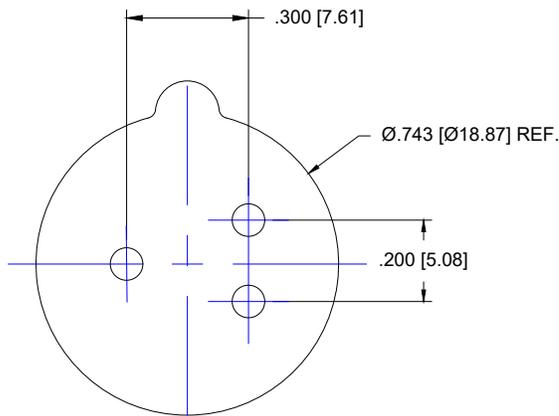


Fig. 1

Thru-hole: R300-SP03-02T-**436P55**-R27-L14
 Surface Mount: R300-SP03-02T-**440P55**-R27-L14

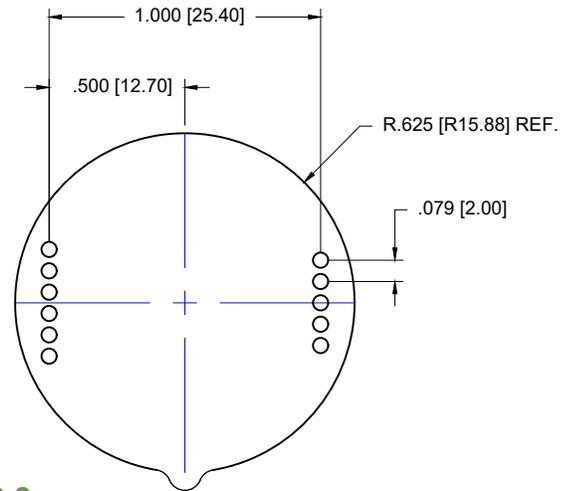
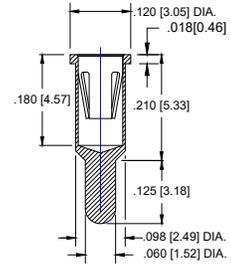
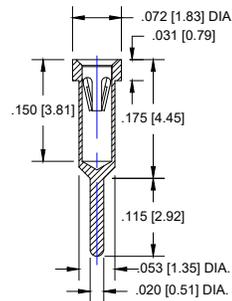
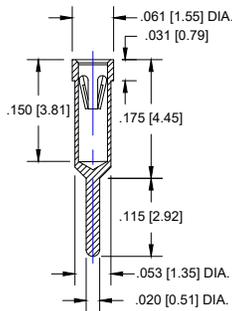


FIG 2

Thru-Hole: R1000-SP11-01T-**01S**-R27-L14
 Surface Mount: R1000-SP11-01T-**93S**-R27-L14

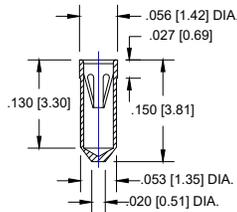
Heat sink socket available to reduce heat and noise. Contact Andon for details.

THRU HOLE OPTION

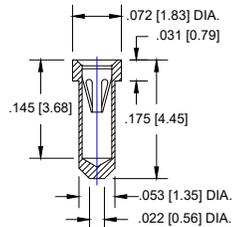


SURFACE MOUNT OPTION

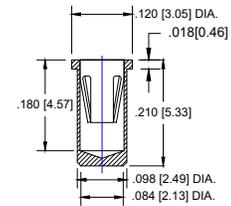
-265S



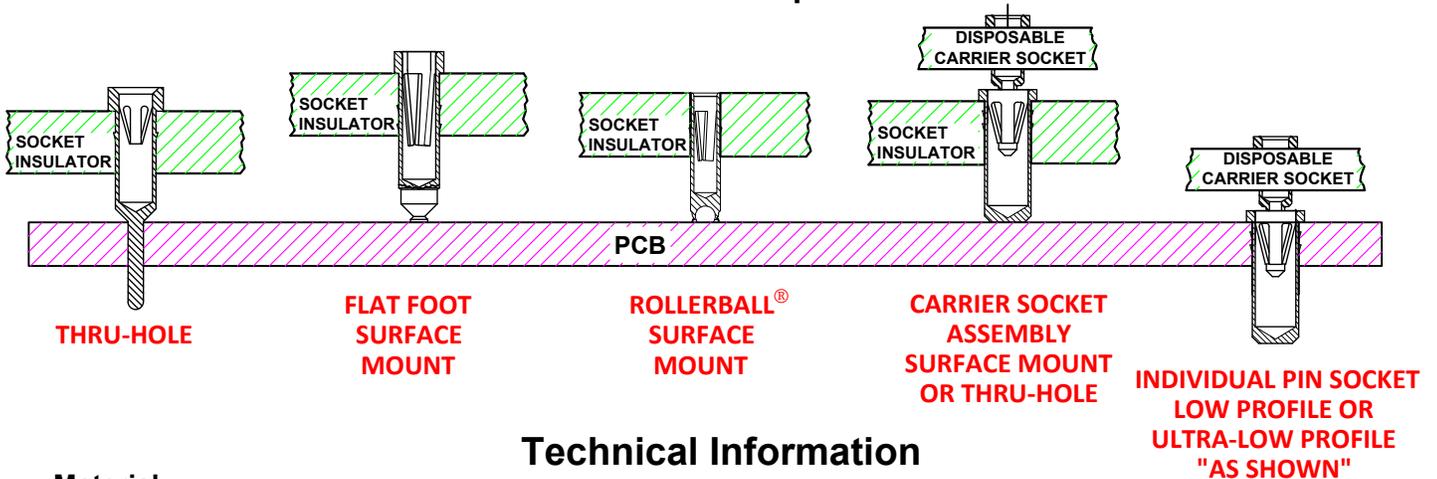
-93S



-440P55



Socket Terminal Options



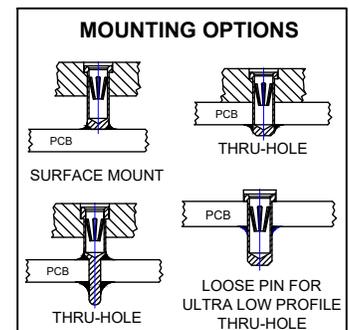
Technical Information

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
-436P55	Ø.060 [Ø1.52]	15.5 oz Max	2.1 oz Min	-440P55	Ø.060 [Ø1.52]	15.5 oz Max	2.1 oz Min



"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale Senov Corporation. 04/03/2024

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

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



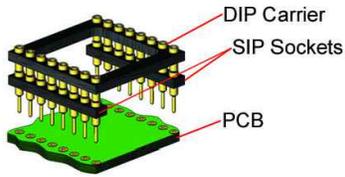
Phase 2:
Place carrier assemblies onto PCB; run through your soldering process.



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

DIP

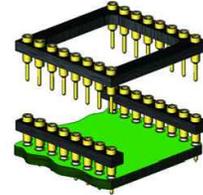
Before Soldering



During Soldering



After Soldering



ULTRA-LOW PROFILE SIP

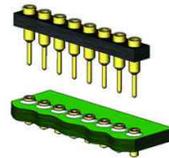
Before Soldering



During Soldering

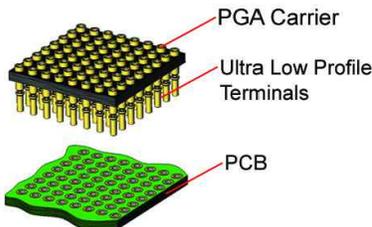


After Soldering



ULTRA-LOW PROFILE PGA

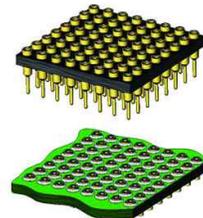
Before Soldering



During Soldering

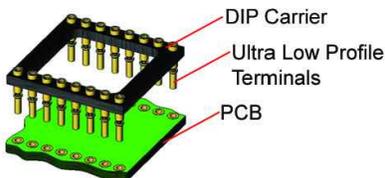


After Soldering

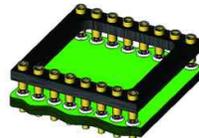


ULTRA LOW PROFILE DIP

Before Soldering



During Soldering



After Soldering

