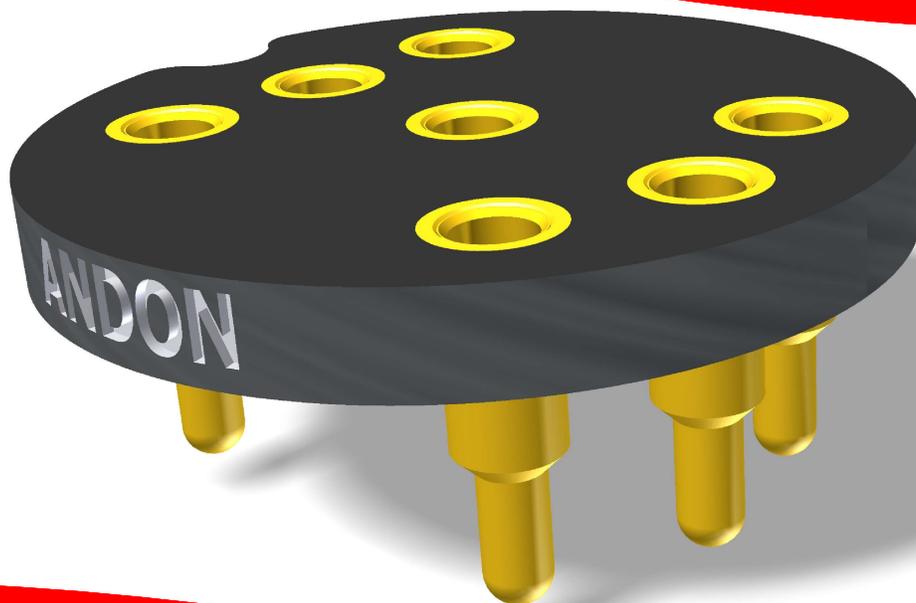


**HIGH RELIABILITY
OPTO-GAS SENSOR SOCKETS FOR
DYNAMENT LTD.**



Featuring Andon's Unique SenstacTM Contact

DYNAMENT LIMITED							
Dynament Limited Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number	
		Thru-Hole	Surface Mount				
TDS0001	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0002	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0003	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0004	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0018	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0019	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0020	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0021	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0024	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0031	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0036	R420-SP05-04T-XXX-R27-L14	436P55	440P55	.060	2	1	
TDS0074	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0089	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
TDS0100	R505-SP07-01T-XXX-R27-L14	436P55	440P55	.060	1	1	
DS0001	R420-SP05-04T-XXX-R27-L14	436P55	440P55	.060	2	1	
DS0002	R420-SP05-04T-XXX-R27-L14	436P55	440P55	.060	2	1	
DS0003	R420-SP05-04T-XXX-R27-L14	436P55	440P55	.060	2	1	
DS0004	R420-SP05-04T-XXX-R27-L14	436P55	440P55	.060	2	1	
DS0005	R420-SP05-04T-XXX-R27-L14	436P55	440P55	.060	2	1	

See last page for other mounting types including low profile options.
Heat sink socket available to reduce heat and noise. Contact Andon for details.

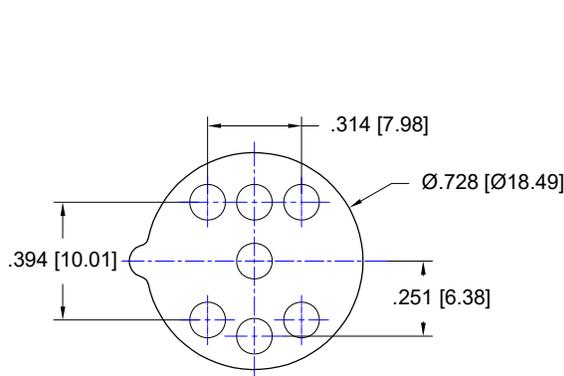


FIG: 1

Thru-Hole: R505-SP07-01T-436P55-R27-L14
Surface Mount: R505-SP07-01T-440P55-R27-L14

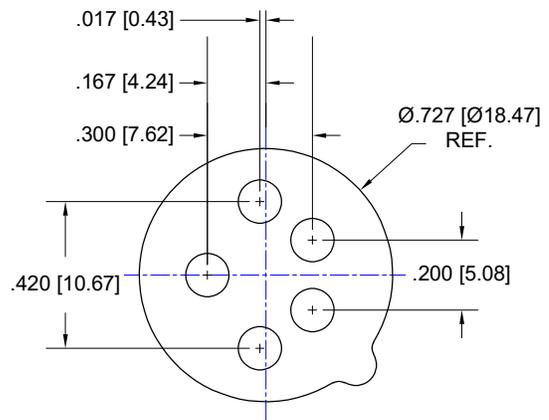


FIG: 2

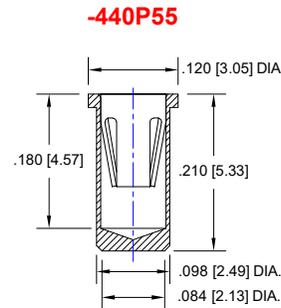
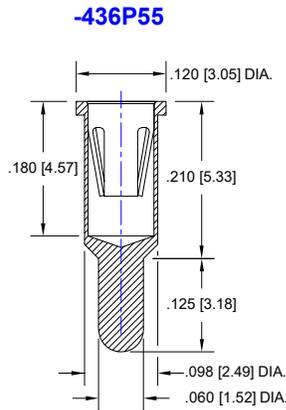
Thru-Hole: R420-SP05-04T-436P55-R27-L14
Surface Mount: R420-SP05-04T-440P55-R27-L14

DYNAMENT LIMITED Continued

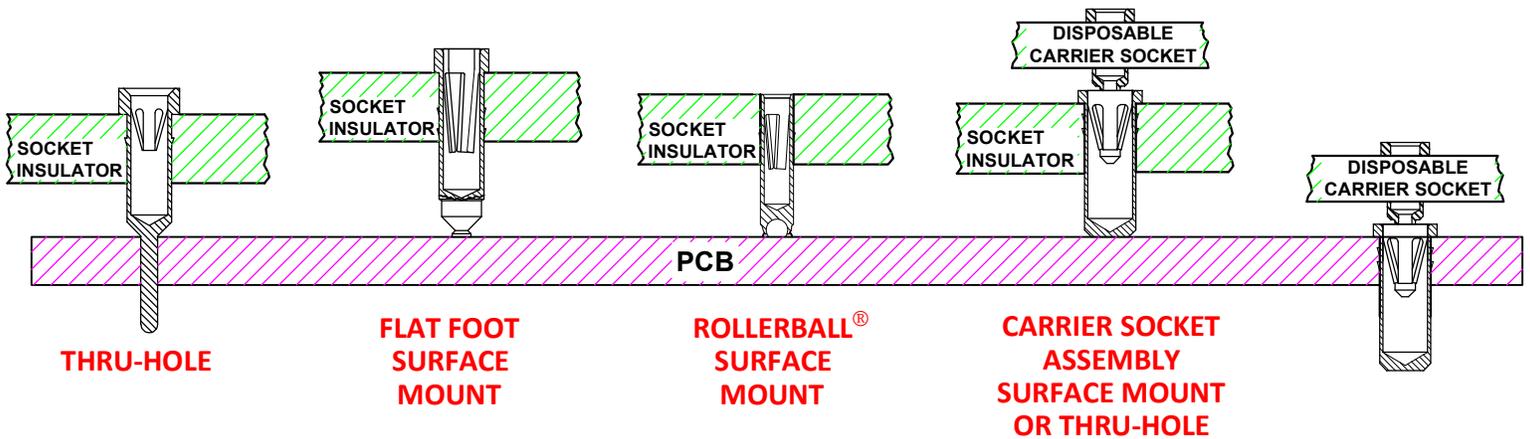
Socket Terminal Details
Cross Section View Shown Units: in [mm]

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

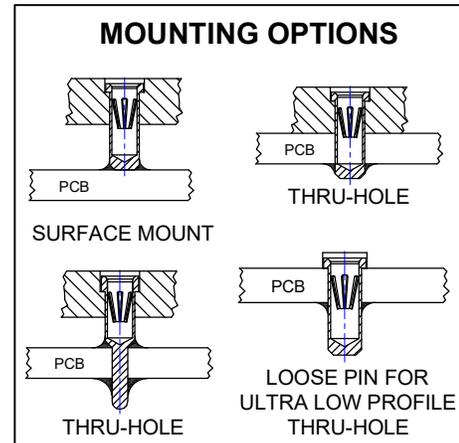
R27 TERMINAL: GOLD / CONTACT: GOLD
R29 TERMINAL: MATTE TIN / CONTACT: GOLD
R32 TERMINAL: MATTE TIN / CONTACT: TIN

OTHER PLATINGS AVAILABLE

Terminal Acceptance and Forces

Thru Hole Terminals				Surface Mount Terminals			
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force
-436P55	Ø.060 [Ø1.52]	15.5 oz Avg.	2.1 oz Min	-440P55	Ø.060 [Ø1.52]	15.5 oz Avg.	2.1 oz Min

MOUNTING OPTIONS



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"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale DYNAMENT LIMITED 03/03/2025

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



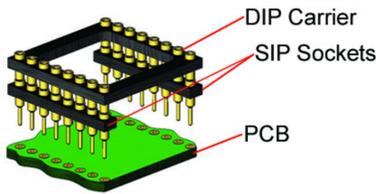
Phase 2:
Place carrier assemblies onto PCB; run through your soldering process.



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

DIP

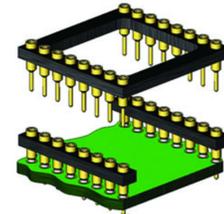
Before Soldering



During Soldering

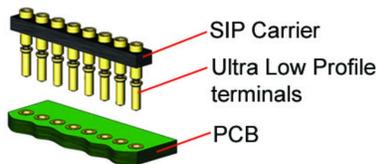


After Soldering

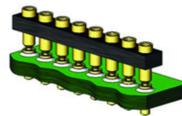


ULTRA-LOW PROFILE SIP

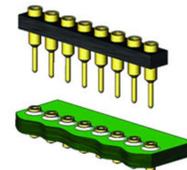
Before Soldering



During Soldering

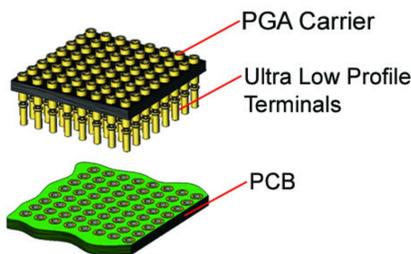


After Soldering



ULTRA-LOW PROFILE PGA

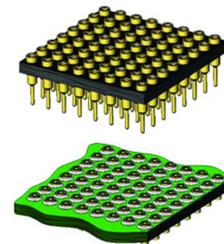
Before Soldering



During Soldering

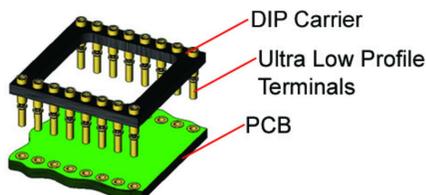


After Soldering

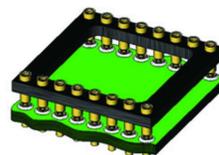


ULTRA LOW PROFILE DIP

Before Soldering



During Soldering



After Soldering

