







High-Reliability Gas Sensor Sockets for Axetris AG





Featuring Andon's Unique Senstac Contact



PART/SOCKET INDEX





AXETRIS						
Axetris Part Number	Andon Part Number	Terminal Type		Pin Ø	Figure	Page
	Replace "XXX" With terminal Type	Thru-Hole	Surface Mount	[in]	Number	Number
EMIRS200_AT01T	R200-0403-XXX-R27-L14	015	935	0.018	1	1
EMIRS200_AT01T_BC130	R200-0403-XXX-R27-L14	015	935	0.018	1	1
EMIRS200_AT01T_BR060_SERIES	R200-0403-XXX-R27-L14	015	935	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	015	935	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	015	93S	0.018	1	1
EMIRS200_AT02V	R200-0403-XXX-R27-L14	015	93S	0.018	1	1
EMIRS200_AT02V_BR060_SERIES	R200-0403-XXX-R27-L14	015	935	0.018	1	1
EMIRS200_AT03T_BT070	R200-0403-XXX-R27-L14	015	935	0.018	1	1
EMIRS50_AT06V_BC150	R100-0403-06T-XXX-R27-L14	75S	265S	0.018	2	1
EMIRS50_AT06V_BC170	R100-0403-06T-XXX-R27-L14	75 S	265S	0.018	2	1
EMIRS50_AT06V_BR25M	R100-0403-06T-XXX-R27-L14	75S	265S	0.018	2	1
EMIRS50_AT06V_BR26M	R100-0403-06T-XXX-R27-L14	75 S	265S	0.018	2	1

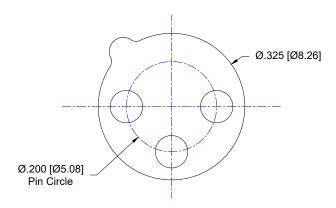


FIG: 1

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

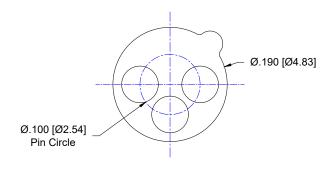


FIG: 2

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.

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"ANDON PROPRIETARY INFORMATION"

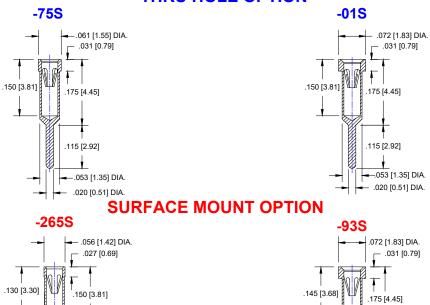
ROHS Compliant
*Sockets are not drawn to scale Axetris AG. 05/17/2024



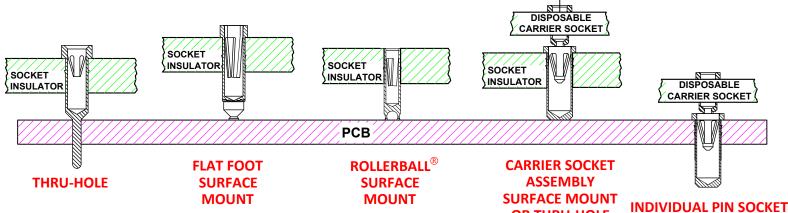
Terminals







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

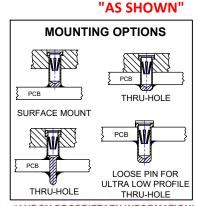
R27 TERMINAL: GOLD / CONTACT: GOLD
OTHER PLATINGS AVAILABLE

Terminal Acceptance and Forces Thru Hole Socket Terminals Surface Mount Socket Terminals Thru Hole Accepts Pin Insertion Withdrawal Accepts Pin Insertion Withdrawa Mount Diameter Force Force Diameter Force 1 Force Terminal Terminal 9.0 oz Avg. 9.0 oz Avg. -01S Ø.018 [Ø0.46] 2.0 oz Min Ø.018 [Ø0.46] 2.0 oz Min **-93S** Ø.018 [Ø0.46] 9.0 oz Avg. 2.0 oz Min Ø.018 [Ø0.46] **-75S -265S** 9.0 oz Avg. 2.0 oz Min

-.053 [1.35] DIA.

-020 [0.51] DIA.

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RoHS Compliant

LOW PROFILE OR ULTRA-LOW PROFILE

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-.053 [1.35] DIA.

.022 [0.56] DIA.

OR THRU-HOLE



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.

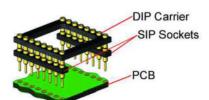


Phase 3

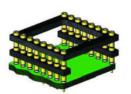
Remove carrier and plug in your device; discard carrier or send back to our factory for reloading.

DIP

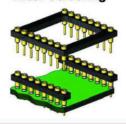
Before Soldering



During Soldering

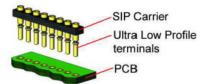


After Soldering



ULTRA-LOW PROFILE SIP

Before Soldering



During Soldering

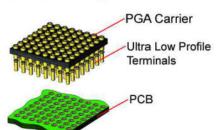


After Soldering

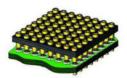


ULTRA-LOW PROFILE PGA

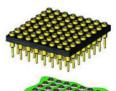
Before Soldering

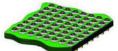


During Soldering



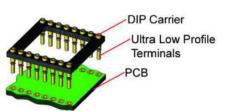
After Soldering

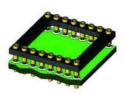




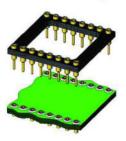
ULTRA LOW PROFILE DIP During Soldering

Before Soldering





After Soldering



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RoHS Compliant
Andon Proprietary Information

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