



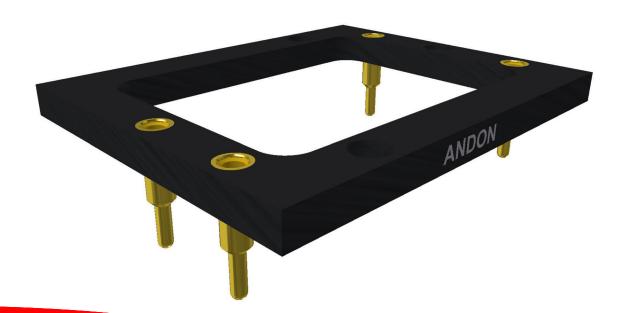




High-Reliability Portable Battery Sockets for

EAGLEPICHER

TECHNOLOGIES



Featuring Andon's Unique Senstac Contact



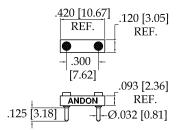
Sockets

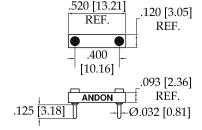






EaglePicher Technologies										
EaglePicher Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type Surface Thru-Hole		Pin Ø [in]	Figure Number	Page Number				
LTC-3NM1-0523	BS-00663-300-02-XXX-R27-L14	295V	Mount 439V	.030	1	1				
LTC-3NW 1-0523	BS-00663-300-02-XXX-R27-L14	295V 295V	439V 439V	.030	1	1				
LTC-3PN-S2	BS-00663-300-02-XXX-R27-L14	295V	439V	.030	1	1				
LTC-3PN-S4	BS-00663-300-02-XXX-R27-L14	295V	439V	.030	1	1				
LTC-3PN-M1	BS-00663-300-02-XXX-R27-L14	295V	439V	.030	1	1				
LTC-7P	CSP1100-04-02-XXX-R27-L14	295V	439V	.030	5	1				
LTC-7PMP	BS-0065-700-02-XXX-R27-L14	295V	439V	.030	4	1				
LTC-7PMS	BS-0065-700-02-XXX-R27-L14	295V	439V	.030	4	1				
LTC-7PN	CSP1100-04-02-XXX-R27-L14	295V	439V	.030	5	1				
LTC-7PN-S2	BS-0065-700-02-XXX-R27-L14	295V	439V	.030	4	1				
LTC-7PN-S4	BS-0065-700-02-XXX-R27-L14	295V	439V	.030	4	1				
LTC-7PN-M1	BS-00663-300-02-XXX-R27-L14	295V	439V	.030	1	1				
LTC-15MC-S1	BS-00662-500-02-XXX-R27-L14	295V	439V	.030	3	1				
LTC-15MC-S7	BS-00662-500-02-XXX-R27-L14	295V	439V	.030	3	1				
LTC-16M-S2	BS-00662-500-02-XXX-R27-L14	295V	439V	.030	3	1				
LTC-16M-S4	CSP1600-04-01-XXX-R27-L14	295V	439V	.030	6	1				





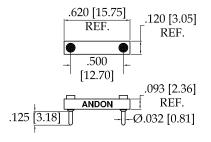


FIG. 01 2 PIN

Thru-Hole: BS-00663-300-02-295V-R27-L14
Surface Mount: BS-00663-300-02-439V-R27-L14
Low Profile: 9-BS-00663-300-02-439V-R27-L14

FIG. 02 2 PIN

Thru-Hole: BS-00664-402-02-295V-R27-L14
Surface Mount: BS-00664-402-02-439V-R27-L14
Low Profile: 9-BS-00664-402-02-439V-R27-L14



Thru-Hole: BS-00662-500-02-295V-R27-L14
Surface Mount: BS-00662-500-02-439V-R27-L14
Low Profile: 9-BS-00662-500-02-439V-R27-L14

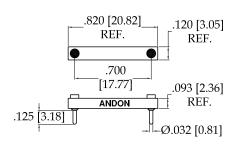


FIG. 04 2 PIN

Thru-Hole: BS-00665-700-02-295V-R27-L14
Surface Mount: BS-00665-700-02-439V-R27-L14
Low Profile: 9-BS-00665-700-02-439V-R27-L14

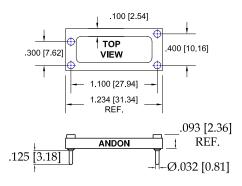


FIG. 05 4 PIN

Thru-Hole: CSP1100-04-02-295V-R27-L14
Surface Mount: CSP1100-04-02-439V-R27-L14
Low Profile: 9-CSP1100-04-02-439V-R27-L14

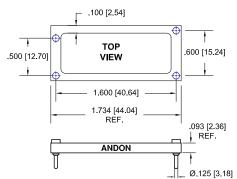


FIG. 06 4 PIN

Thru-Hole: CSP1600-04-01-295V-R27-L14
Surface Mount: CSP1600-04-01-439V-R27-L14
Low Profile: 9-CSP1600-04-01-439V-R27-L14

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"ANDON PROPRIETARY INFORMATION"

RoHS Compliant

*Sockets are not drawn to scale EaglePicher Technologies 01/29/2024



Terminals







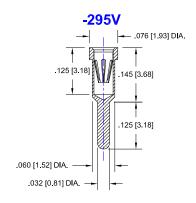
EaglePicher Technologies Continued

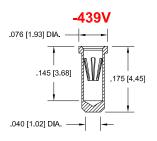
Socket Terminal Details

Cross Section View Shown Units: in [mm]

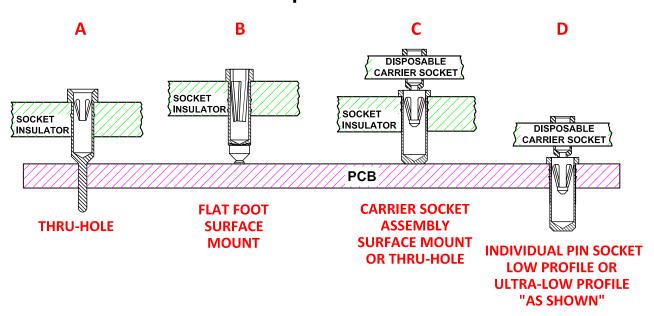
THRU HOLE OPTION







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
R17 TERMINAL: TIN / CONTACT: GOLD
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				
-295V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min	-439V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min				

MOUNTING OPTIONS

PCB
LOW PROFILE

SURFACE MOUNT

PCB
LOOSE PIN FOR ULTRA LOW PROFILE

THRU-HOLE

THRU-HOLE

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ROHS Compliant
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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.

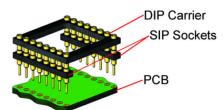


Phase 3:

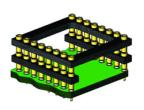
Remove carrier and plug in your device; discard carrier.

DIP

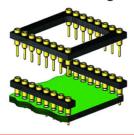
Before Soldering



During Soldering



After Soldering



ULTRA-LOW PROFILE SIP

Before Soldering



During Soldering

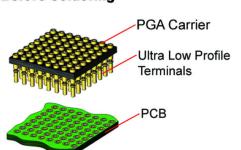


After Soldering

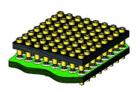


ULTRA-LOW PROFILE PGA

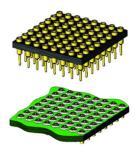
Before Soldering



During Soldering

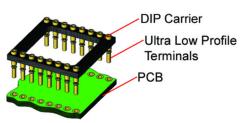


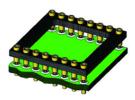
After Soldering



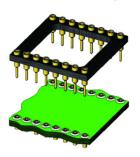
ULTRA LOW PROFILE DIP During Soldering

Before Soldering





After Soldering



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