



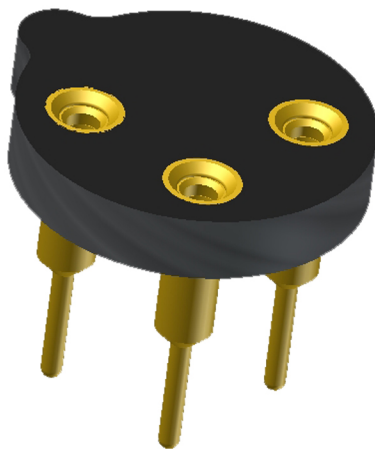
ANDON
INTERCONNECTION SPECIALISTS



RoHS Compliant
ISO 9001
Certified

**HIGH RELIABILITY
OPTOELECTRONIC SOCKETS FOR
LUNA**

LUNA
DEFYING IMPOSSIBLE.



Featuring Andon's Unique Senstac™ Contact

LUNA® is a trade mark of LUNA

LUNA						
LUNA Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type Thru-Hole Surface Mount		Pin Ø [in]	Figure Number	Page Number
NORPS-12	R300-SP02-01-XXX-R27-L14	01S	93S	.018	9	3
NSL 5522	R200-SP02-01-XXX-R27-L14	01S	93S	.018	15	4
NSL 5532	R200-SP02-01-XXX-R27-L14	01S	93S	.018	15	4
NSL 5542	R200-SP02-01-XXX-R27-L14	01S	93S	.018	15	4
NSL 5572	R200-SP02-01-XXX-R27-L14	01S	93S	.018	15	4
NSL19M51	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL-4132	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL-4142	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL-4172	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL-4182	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL4512	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL5112	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL-5122	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL5152	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
NSL-5922	R300-SP02-01-XXX-R27-L14	01S	93S	.018	9	3
NSL6112	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
PDB-C107	R265-SP02-01-XXX-R27-L14	01S	93S	.018	6	3
PDB-C109	R295-0402-01N-XXX-R27-L14	01S	93S	.018	16	4
PDB-C110	CSP484-02-01-XXX-R27-L14	01S	93S	.018	18	5
PDB-C113	R200-SP02-01-XXX-R27-L14	01S	93S	.018	15	4
PDB-C140	R300-SP02-01-XXX-R27-L14	01S	93S	.018	9	3
PDB-C201	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
PDB-C203	R200-0805-01T-XXX-R27-L14	75S	265S	.018	10	3
SD 055-23-21-211	R100-0806-01T-XXX-G10-L14	C2	-	.018	8	3
SD 100-41-21-231	R230-0808-01T-XXX-R27-L14	75S	265S	.018	11	4
SD 100-42-22-231	R230-0808-01T-XXX-R27-L14	75S	265S	.018	11	4
SD 100-43-23-232	R230-0808-01T-XXX-R27-L14	75S	265S	.018	11	4
SD 112-42-11-221	R200-0404-01T-XXX-R27-L14	01S	93S	.018	7	3
SD 112-45-11-221	R200-0404-01T-XXX-R27-L14	01S	93S	.018	7	3
SD 197-23-21-041	R300-SP05-02T-XXX-R27-L14	01S	93S	.018	12	4
SD 225-23-21-040	R300-SP05-02T-XXX-R27-L14	01S	93S	.018	12	4
SD 225-23-21-041	R300-SP05-02T-XXX-R27-L14	01S	93S	.018	12	4
SD 380-23-21-051	R730-0806-01T-XXX-R27-L14	01S	93S	.018	14	4
SD 380-23-21-251	R730-0806-01T-XXX-R27-L14	01S	93S	.018	14	4
SD 444-41-21-261	R730-0808-01T-XXX-R27-L14	01S	93S	.018	19	5
SD 444-42-22-261	R730-0808-01T-XXX-R27-L14	01S	93S	.018	19	5
SD 444-43-23-262	R730-0808-01T-XXX-R27-L14	01S	93S	.018	19	5
SD012-121-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD012-151-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD012-UVA-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD012-UVB-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD012-UVC-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD039-121-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD039-151-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD041-11-33-211	R100-0403-02T-XXX-G10-L14	C2	-	.018	2	2
SD057-11-21-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD057-14-21-011	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD066-24-21-011	R100-0403-02T-XXX-G10-L14	C2	-	.018	2	2
SD076-11-31-211	R100-0403-02T-XXX-G10-L14	C2	-	.018	2	2
SD076-14-21-001	R100-0402-03T-XXX-R27-L14	75S	265S	.018	1	2
SD085-23-21-021	R200-0805-01T-XXX-R27-L14	75S	265S	.018	10	3
SD100-11-21-221	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD100-11-31-221	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD100-12-22-021	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD100-12-23-222	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD100-14-21-021	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2

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

LUNA						
LUNA Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
SD113-24-21-021	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD118-23-21-021	R200-0805-01T-XXX-R27-L14	75S	265S	.018	10	3
SD160-24-21-021	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD172-11-21-221	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD172-11-31-221	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD172-14-21-021	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD197-121-041	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD200-11-21-241	R200-0403-02T-XXX-R27-L14	01S	93S	.018	3	2
SD200-11-31-241	R300-0803-01N-XXX-R27-L14	01S	93S	.018	5	3
SD200-12-22-041	R300-0803-01N-XXX-R27-L14	01S	93S	.018	5	3
SD200-12-22-241	R300-0803-01N-XXX-R27-L14	01S	93S	.018	5	3
SD200-13-23-042	R300-0803-01N-XXX-R27-L14	01S	93S	.018	5	3
SD200-13-23-242	R300-0803-01N-XXX-R27-L14	01S	93S	.018	5	3
SD219-51-03-301	C10-314-14-01-XXX-R27-L14	01S	93S	.018	13	4
SD290-11-31-241	R300-0803-01N-XXX-R27-L14	01S	93S	.018	5	3
SD290-12-22-241	R300-0803-01N-XXX-R27-L14	01S	93S	.018	5	3
SD445-11-21-305	CSP492-02-01-XXX-R27-L14	01S	93S	.018	17	5
SLD-68-026	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2
SLD-70BG2A	R100-0402-01T-XXX-R27-L14	75S	265S	.018	4	2

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

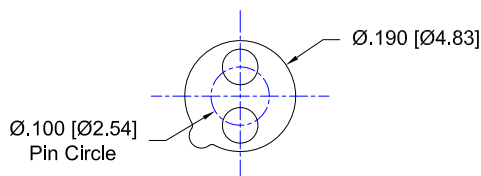


FIG. 1

Thru-Hole: R100-0402-03T-75S-R27-L14
Surface Mount: R100-0402-03T-265S-R27-L14

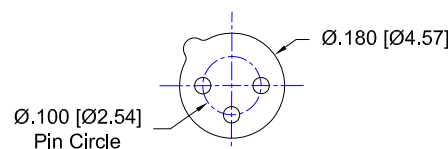


FIG. 2

Thru-Hole: R100-0403-02T-C2-G10-L14
Surface Mount: NOT AVAILABLE

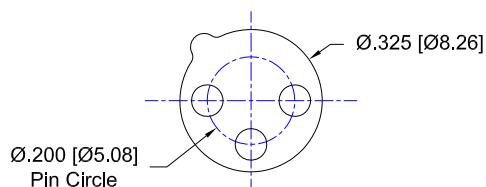


FIG. 3

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

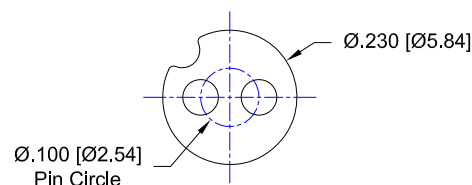


FIG. 4

Thru-Hole: R100-0402-01T-75S-R27-L14
Surface Mount: R100-0402-01T-265S-R27-L14

LUNA Continued

Top View Shown
Units: in [mm]

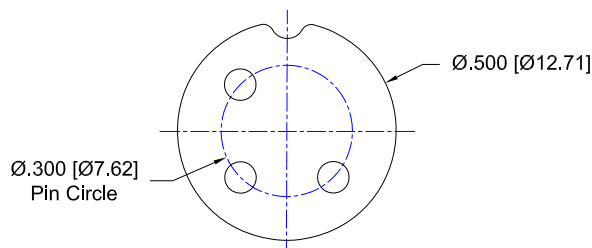


FIG. 5

Thru-Hole: R300-0803-01N-01S-R27-L14
Surface Mount: R300-0803-01N-93S-R27-L14

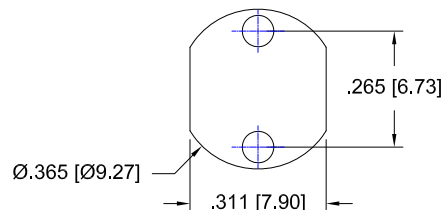


FIG. 6

Thru-Hole: R265-SP02-01-01S-R27-L14
Surface Mount: R265-SP02-01-93S-R27-L14

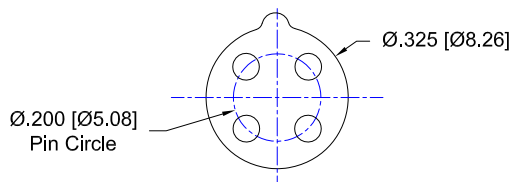


FIG. 7

Thru-Hole: R200-0404-01T-01S-R27-L14
Surface Mount: R200-0404-01T-93S-R27-L14

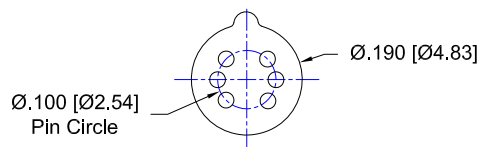


FIG. 8

Thru-Hole: R100-0806-01T-C2-G10-L14
Surface Mount: NOT AVAILABLE

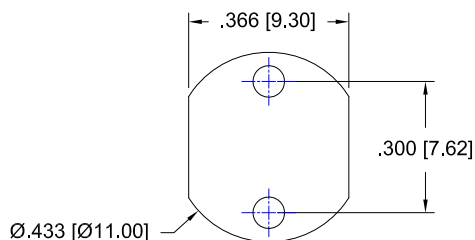


FIG. 9

Thru-Hole: R300-SP02-01-01S-R27-L14
Surface Mount: R300-SP02-01-93S-R27-L14

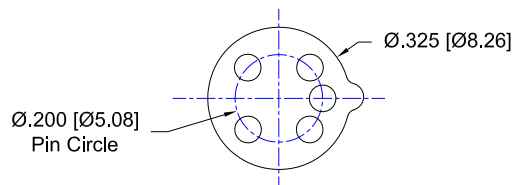


FIG. 10

Thru-Hole: R200-0805-01T-75S-R27-L14
Surface Mount: R200-0805-01T-265S-R27-L14

LUNA Continued

Top View Shown
Units: in [mm]

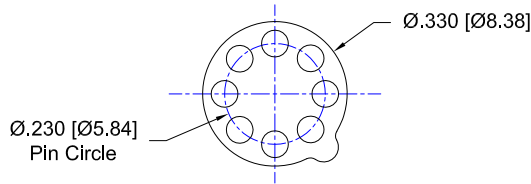


FIG. 11

Thru-Hole: R230-0808-01T-**75S**-R27-L14
Surface Mount: R230-0808-01T-**265S**-R27-L14

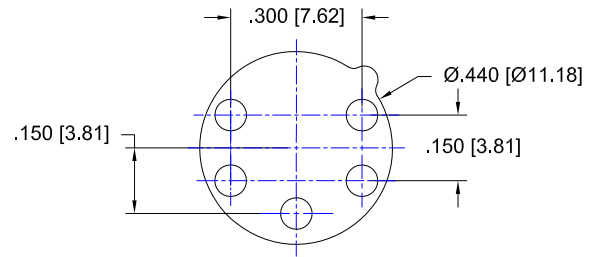


FIG. 12

Thru-Hole: R300-SP05-02T-**01S**-R27-L14
Surface Mount: R300-SP05-02T-**93S**-R27-L14

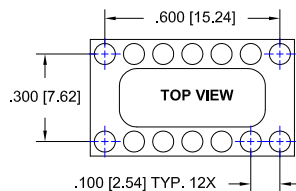


FIG. 13

Thru-Hole: C10-314-14-01-**01S**-R27-L14
Surface Mount: C10-314-14-01-**93S**-R27-L14

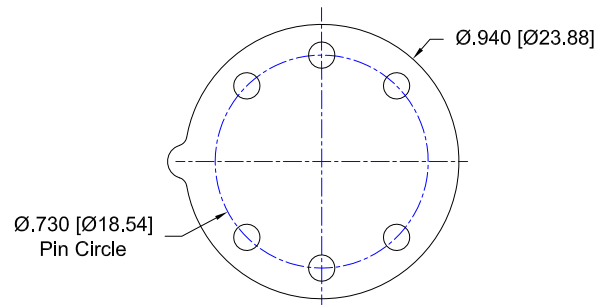


FIG. 14

Thru-Hole: R730-0806-01T-**01S**-R27-L14
Surface Mount: R730-0806-01T-**93S**-R27-L14

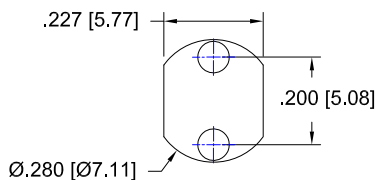


FIG. 15

Thru-Hole: R200-SP02-01-**01S**-R27-L14
Surface Mount: R200-SP02-01-**93S**-R27-L14

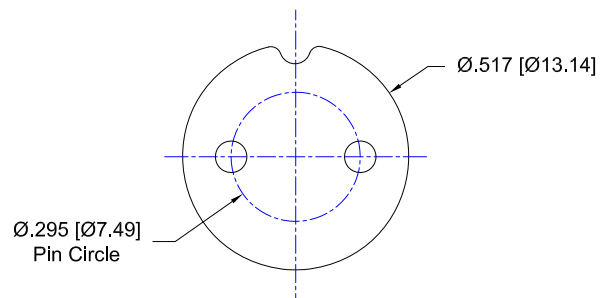


FIG. 16

Thru-Hole: R295-0402-01N-**01S**-R27-L14
Surface Mount: R295-0402-01N-**93S**-R27-L14

LUNA Continued

Top View Shown
Units: in [mm]

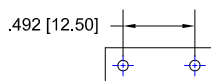


FIG. 17

Thru-Hole: CSP492-02-01-01S-R27-L14
Surface Mount: CSP492-02-01-93S-R27-L14

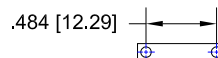


FIG. 18

Thru-Hole: CSP484-02-01-01S-R27-L14
Surface Mount: CSP484-02-01-93S-R27-L14

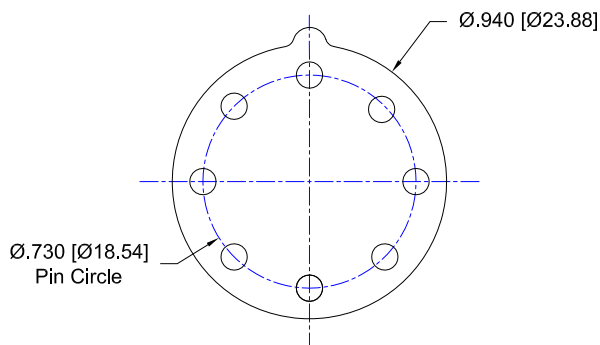


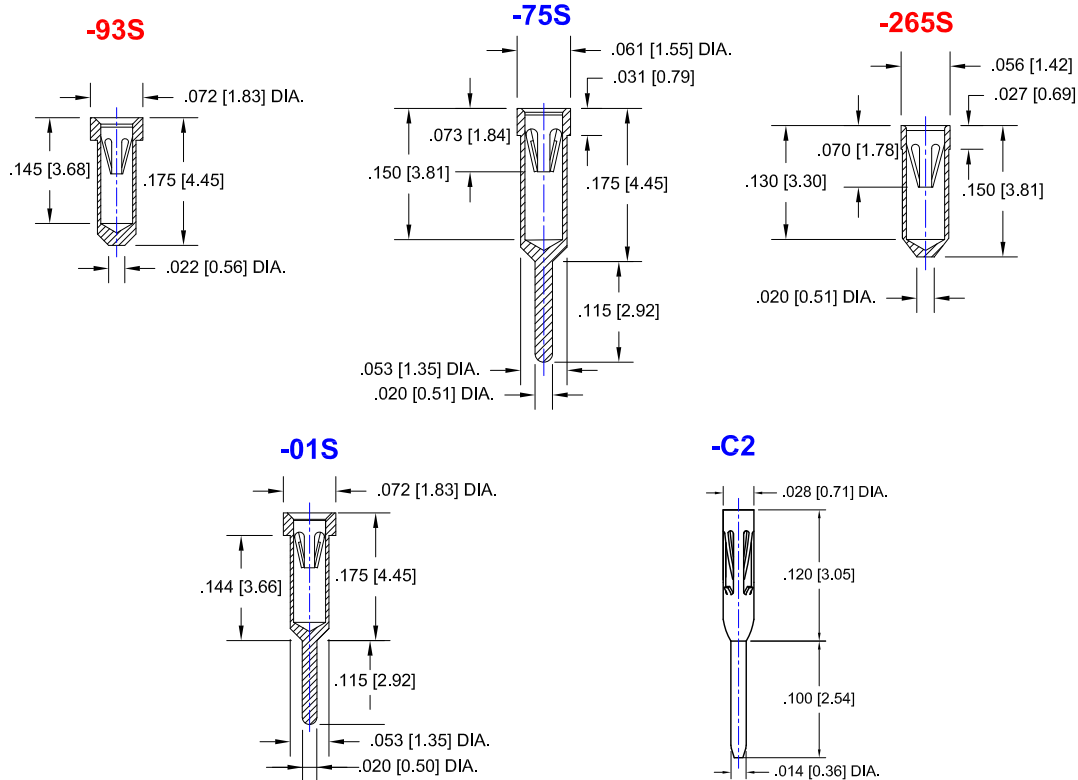
FIG. 19

Thru-Hole: R730-0808-01T-01S-R27-L14
Surface Mount: R730-0808-01T-93S-R27-L14

LUNA Continued

Socket Terminal Details

Cross Section View Shown Units: in [mm]



Technical Information

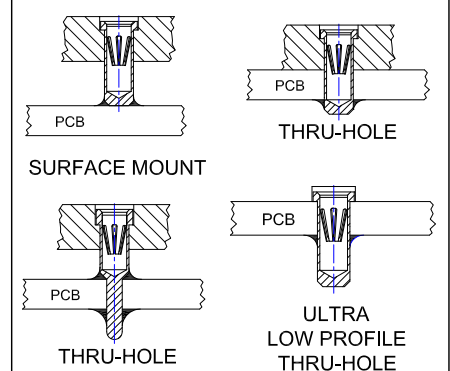
Material:

Insulator: Hi-Temp UL 94V-O
Terminal: Brass, per ASTM-B16
Contact: BeCu, Per ASTM-B194

Plating: RoHS COMPLIANT
R17 TERMINAL: MATTE TIN / CONTACT: GOLD
R27 TERMINAL: GOLD / 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
-75S	Ø.018 [Ø0.46]	9.0 oz Max	2.0 oz Min	-265S	Ø.018 [Ø0.46]	9.0 oz Max	2.0 oz Min
-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
-C2	Ø.018 [Ø0.46]	1.5 oz Avg.	.35 oz Min	-N/A	-	-	-

MOUNTING OPTIONS



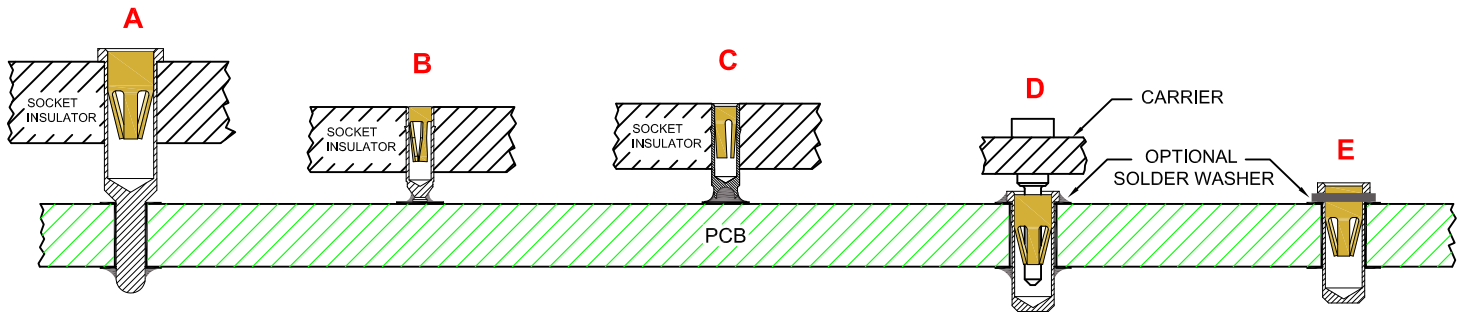
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"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale LUNA 5/1/2017

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 Phone 401-333-0388 Fax 401-333-0287
 Email Info@andonelect.com



**THRU-HOLE
SOCKET**

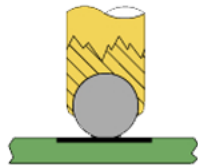
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

**REMOVABLE
CARRIER
WITH ULTRA-LOW
PROFILE PIN SOCKETS**

**INDIVIDUAL
ULTRA-LOW PROFILE
PIN SOCKETS
(BEFORE SOLDERING)**

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

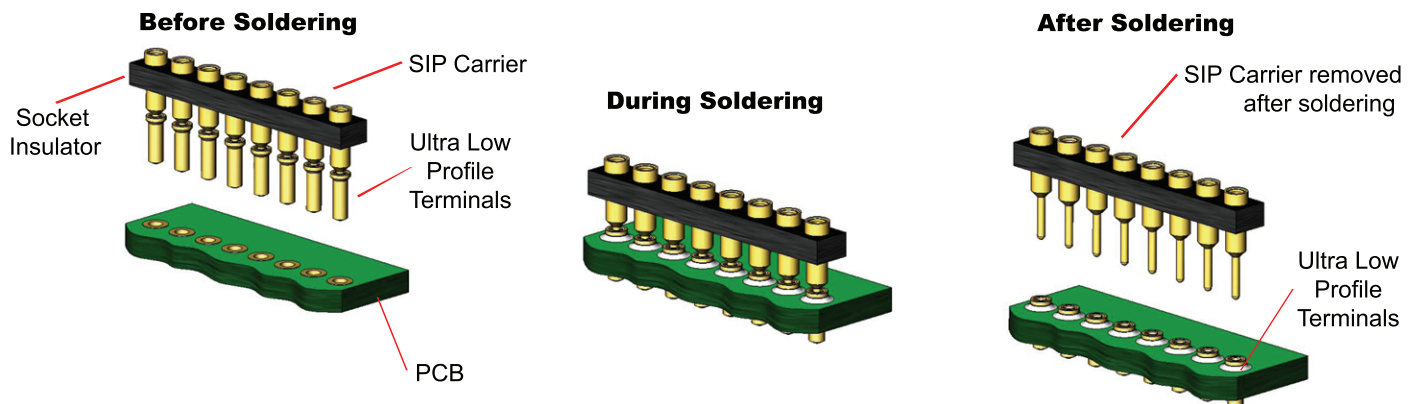
**ROLLERBALL®
SOCKET**



AFTER SOLDERING

A more reliable solder joint for surface mount applications !

ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above



Available with or without solder washer