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INTERCONNECTION SPECIALISTS

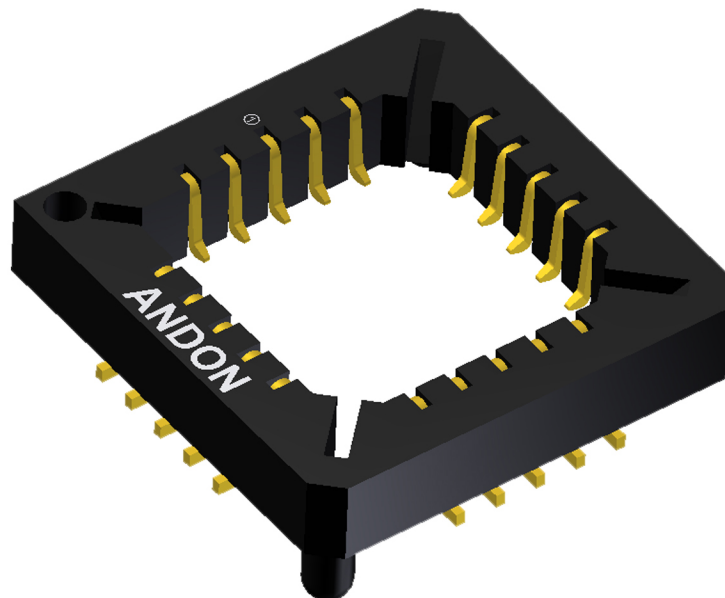


RoHS Compliant
ISO 9001
Certified

HIGH RELIABILITY SEMICONDUCTOR SOCKETS FOR



PYRAMID
SEMICONDUCTOR CORPORATION



Featuring Andon's Unique Senstac™ Contact

PYRAMID SEMICONDUCTOR CORPORATION is a trade mark of PYRAMID SEMICONDUCTOR CORPORATION

PYRAMID SEMICONDUCTOR CORPORATION						
PYRAMID SEMICONDUCTOR CORPORATION Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
P4C147-L7-1	620-18-SM-G10-L14-X	-	-	-	1	3
P4C167-L9	620-20D-SM-G10-L14-X	-	-	-	2	3
P4C168-L9	620-20D-SM-G10-L14-X	-	-	-	2	3
P4C168-L9	620-20D-SM-G10-L14-X	-	-	-	2	3
P4C170-L9	620-20D-SM-G10-L14-X	-	-	-	2	3
P4C116-L8	620-24C-SM-G10-L14	-	-	-	3	3
P4C116L-L8	620-24C-SM-G10-L14	-	-	-	3	3
P93U422-L4	620-24D-SM-G10-L14-X	-	-	-	4	4
P4C1299-L5	620-28-SM-G10-L14-X	-	-	-	5	4
P4C1299L-L5	620-28-SM-G10-L14-X	-	-	-	5	4
P4C1981-L5	620-28-SM-G10-L14-X	-	-	-	5	4
P4C1981L-L5	620-28-SM-G10-L14-X	-	-	-	5	4
P4C1298L-L5	620-28-SM-G10-L14-X	-	-	-	5	4
P4C1982L-L5	620-28-SM-G10-L14-X	-	-	-	5	4
P4C1982-L5	620-28-SM-G10-L14-X	-	-	-	5	4
P4C116-L5-1	620-28-SM-G10-L14-X	-	-	-	5	4
P4C116L-L5-1	620-28-SM-G10-L14-X	-	-	-	5	4
P4C116-L10	680-40-SM-G10-L14-X	-	-	-	5	4
P4C116L-L10	680-40-SM-G10-L14-X	-	-	-	5	4
PYA28C17-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
PYX28C64-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
PYA28C64-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
PYX28HC64-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C164-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C1024-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C1256-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C1256L-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C116-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
P46116L-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
PYA28C256-L6	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C1026-L13	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C1026L-L13	620-32C-SM-G10-L14-X	-	-	-	6	5
P4C1049-L11	620D-36-SM-G10-L14-X	-	-	-	7	5
P4C1049L-L11	620D-36-SM-G10-L14-X	-	-	-	7	5
P4C1024L-L1	620D-32-SM-G10-L14-X	-	-	-	8	5
P4C1024-L1	620D-32-SM-G10-L14-X	-	-	-	8	5
P4C148-P1	101-318-XXX-R27-L14	01S	93S	.018	9	6
P4C149-P1	101-318-XXX-R27-L14	01S	93S	.018	9	6
P4C147-P1	101-318-XXX-R27-L14	01S	93S	.018	9	6
P4C1024-P300	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C164LL-P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1281-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1282-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C164L-P5-C5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P46164-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C165-P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C174-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
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P4C1982-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1981L-C5,P5,D5-2	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1981-C5,P5,D5-2	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1299L-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1299-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1256-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C164-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1298-C5	101-328-XXX-R27-L14	01S	93S	.018	10	6

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

PYRAMID SEMICONDUCTOR CORPORATION						
PYRAMID SEMICONDUCTOR CORPORATION Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
P4C167-P2	101-320-XXX-R27-L14	01S	93S	.018	11	6
P4C168-P2	101-320-XXX-R27-L14	01S	93S	.018	11	6
P4C169-P2	101-320-XXX-R27-L14	01S	93S	.018	11	6
P93U422-P3-1	101-422-XXX-R27-L14	01S	93S	.018	12	6
P93U422-C3-1	101-422-XXX-R27-L14	01S	93S	.018	12	6
P93U422-D3-1	101-422-XXX-R27-L14	01S	93S	.018	12	6
PY263-P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
PY264-P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C423-C4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C198-P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C198L-P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C150-C4,D4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C1257-C4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C1257L-C4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C198A-C4,D4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C198AL-C4,D4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C1681-C4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C1682-C4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C116-C4,D4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C116/L-C4,D4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C116-P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C116L-P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C1258-P4,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
PY291A-D4,WD1,P4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C198L-C4,D4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C198-C4,D4	101-324-XXX-R27-L14	01S	93S	.018	13	6
P4C116-C12	101-624-01S-R27-L14	01S	93S	.018	14	6
P4C116L-C12	101-624-01S-R27-L14	01S	93S	.018	14	6
PY263-P8	101-624-01S-R27-L14	01S	93S	.018	14	6
PY264-P8	101-624-01S-R27-L14	01S	93S	.018	14	6
PYA28C17-P6,C5-1	101-628-XXX-R27-L14	01S	93S	.018	15	7
P3C1256L-P6	101-628-XXX-R27-L14	01S	93S	.018	15	7
P4C164L-P6	101-628-XXX-R27-L14	01S	93S	.018	15	7
P4 164LL-P6,C5-1	101-628-XXX-R27-L14	01S	93S	.018	15	7
P4C1256-P6,C5-1	101-628-XXX-R27-L14	01S	93S	.018	15	7
P4C164-P6	101-628-XXX-R27-L14	01S	93S	.018	15	7
P4C164-C5-1	101-628-XXX-R27-L14	01S	93S	.018	15	7
PYX28HC64-P6	101-628-XXX-R27-L14	01S	93S	.018	15	7
PYA28C64B-65-1	101-628-XXX-R27-L14	01S	93S	.018	15	7
PYA28C64-C5-1	101-628-XXX-R27-L14	01S	93S	.018	15	7
PYA28C256-C5-1	101-628-XXX-R27-L14	01S	93S	.018	15	7
P4C1026-C7	101-428-XXX-R27-L14	01S	93S	.018	16	7
P4C1026L-C7	101-428-XXX-R27-L14	01S	93S	.018	16	7
P4C1048L-P600	101-632-XXX-R27-L14	01S	93S	.018	18	7
P4C1049-C10	101-632-XXX-R27-L14	01S	93S	.018	18	7
P4C1023-P600	101-632-XXX-R27-L14	01S	93S	.018	18	7
P4C1023L-P600	101-632-XXX-R27-L14	01S	93S	.018	18	7
P4C1049-C10	101-632-XXX-R27-L14	01S	93S	.018	18	7
P4C1024-C10	101-632-XXX-R27-L14	01S	93S	.018	18	7
P461420L-C10	101-632-XXX-R27-L14	01S	93S	.018	18	7
P4C10240-P600	101-632-XXX-R27-L14	01S	93S	.018	18	7
P4C1298L-C5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C163-C5,P5	101-328-XXX-R27-L14	01S	93S	.018	10	6
P4C1023-C11	101-432-XXX-R27-L14	01S	93S	.018	17	7
P4C1023L-C11	101-432-XXX-R27-L14	01S	93S	.018	17	7

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

PYRAMID SEMICONDUCTOR CORPORATION *Continued*

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

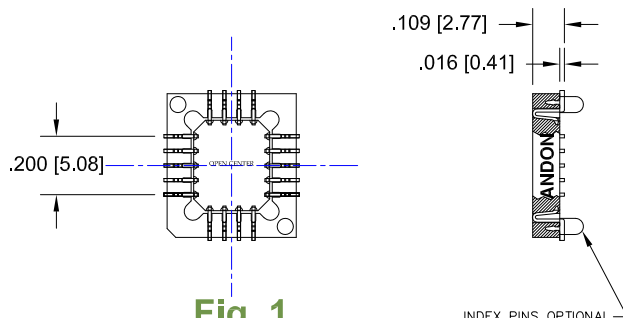


Fig. 1

Surface Mount: 620-18-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none

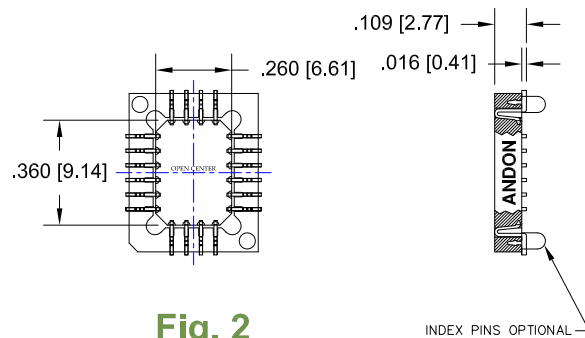
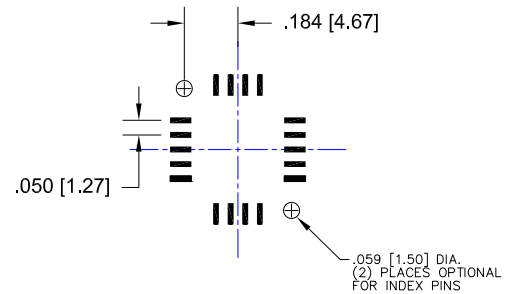


Fig. 2

Surface Mount: 620-20D-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none

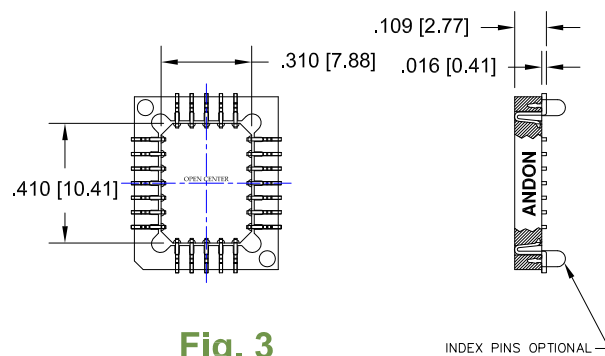
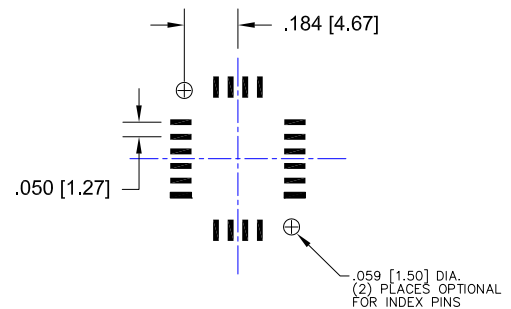
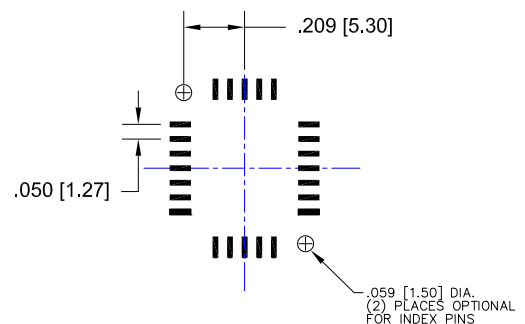


Fig. 3

Surface Mount: 620-24C-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none



U.S. Patent# 5,588,847

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"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale PYRAMID SEMICONDUCTOR CORPORATION 3/8/2016

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PYRAMID SEMICONDUCTOR CORPORATION *Continued*

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

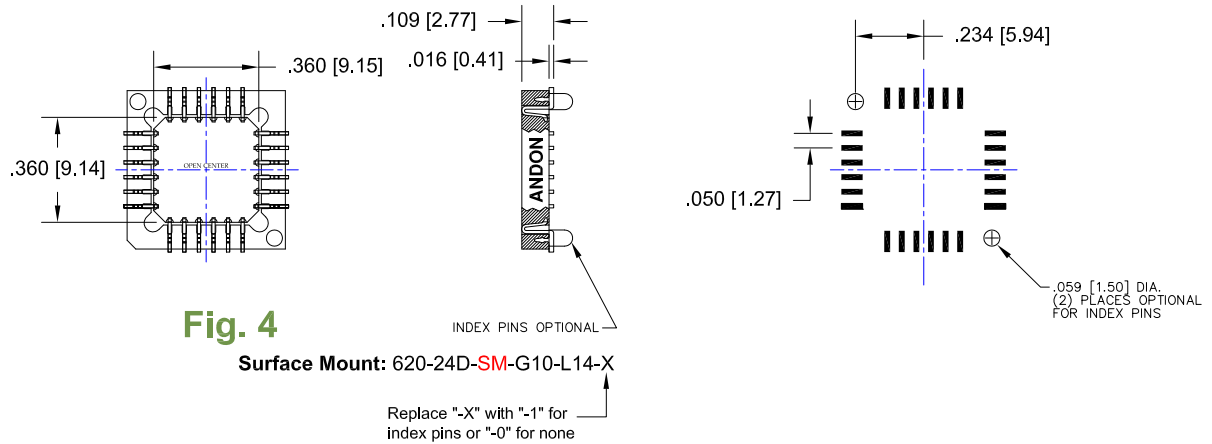
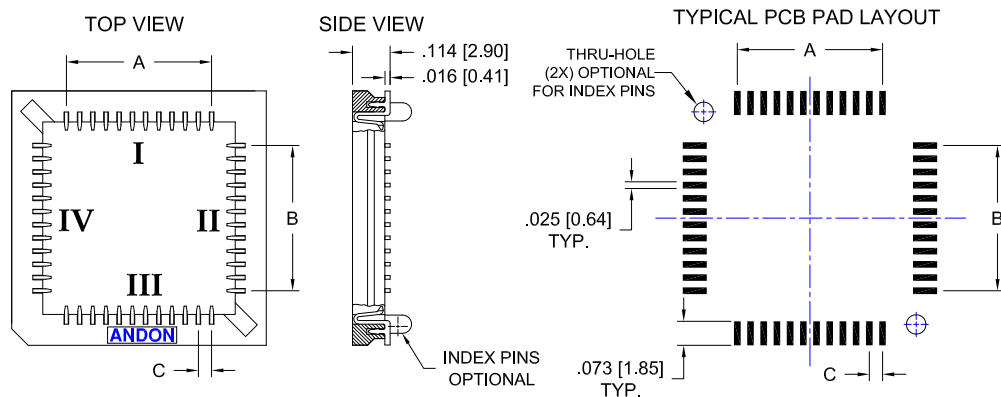


Fig. 5



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Andon Part Number	Figure Number	Pin QTY.	A	B	C	Number of Pins (per side)			
						I	II	III	IV
620-20B-SM-G10-S14-X	23	20	.200 (5.08)	.200 (5.08)	.050 (1.27)	5	5	5	5
620-28-SM-G10-L14-X	23	28	.300 (7.62)	.300 (7.62)	.050 (1.27)	7	7	7	7
620-40A-SM-G10-L14-X	23	40	.950 (24.13)	.950 (24.13)	.050 (1.27)	20	0	20	0
620-44-SM-G10-L14-X	23	44	.500 (12.70)	.500 (12.70)	.050 (1.27)	11	11	11	11
620-52-SM-G10-L14-X	23	52	.600 (15.24)	.600 (15.24)	.050 (1.27)	13	13	13	13
620-68-SM-G10-S14-X	23	68	.800 (20.32)	.800 (20.32)	.050 (1.27)	17	17	17	17
620-84-SM-G10-L14-X	23	84	1.000 (25.40)	1.000 (25.40)	.050 (1.27)	21	21	21	21
620-100-SM-G10-L14-X	23	100	1.200 (30.48)	1.200 (30.48)	.050 (1.27)	25	25	25	25
680-32-SM-G10-L14-X	23	32	.280 (7.11)	.280 (7.11)	.040 (1.01)	8	8	8	8
680-40-SM-G10-L14-X	23	40	.360 (9.14)	.360 (9.14)	.040 (1.01)	10	10	10	10
680-44-SM-G10-L14-X	23	44	.520 (13.21)	.520 (13.21)	.040 (1.01)	11	11	11	11
680-48-SM-G10-R14-X	23	48	.440 (11.18)	.440 (11.18)	.040 (1.01)	12	12	12	12
680-64-SM-G10-R14-X	23	64	.600 (15.24)	.600 (15.24)	.040 (1.01)	16	16	16	16
680-84-SM-G10-L14-X	23	84	.800 (20.32)	.800 (20.32)	.040 (1.01)	21	21	21	21
680-100-SM-G10-L14-X	23	100	1.120 (28.45)	.800 (20.32)	.040 (1.01)	29	21	29	21

Replace "-X" with "-1" for index pins or "-0" for none

U.S. Patent# 5,588,847

PYRAMID SEMICONDUCTOR CORPORATION *Continued*

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

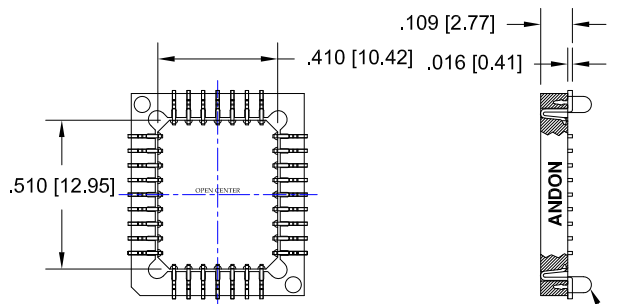


Fig. 6

Surface Mount: 620-32C-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none

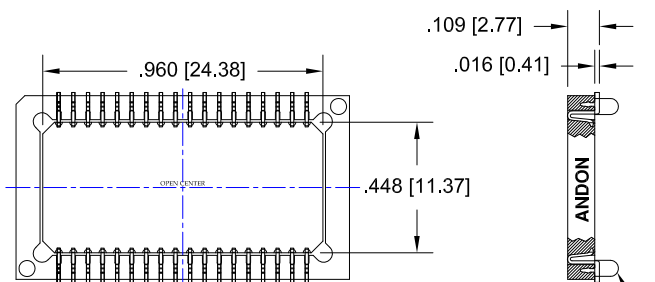
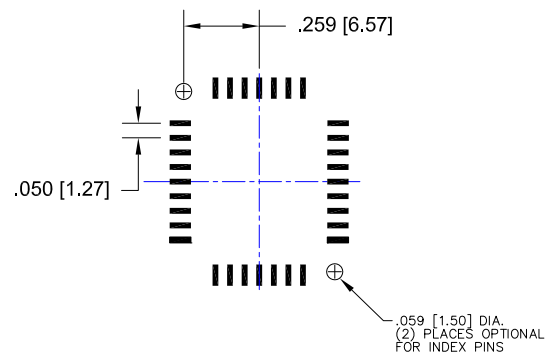


Fig. 7

Surface Mount: 620D-36-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none

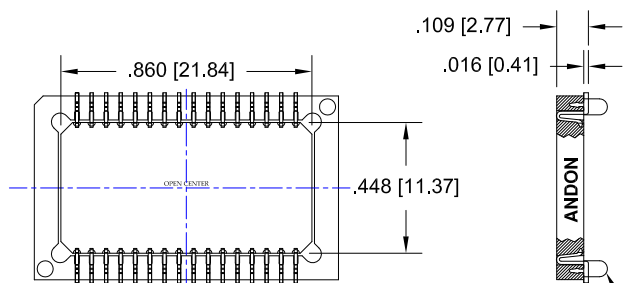
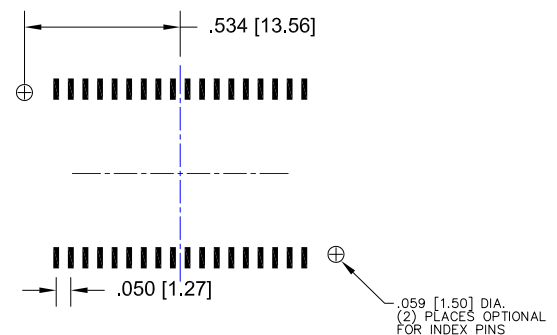
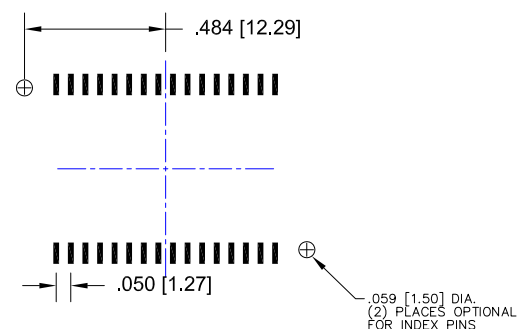


Fig. 8

Surface Mount: 620D-32-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none



U.S. Patent# 5,588,847

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*Sockets are not drawn to scale PYRAMID SEMICONDUCTOR CORPORATION 3/8/2016

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PYRAMID SEMICONDUCTOR CORPORATION *Continued*

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

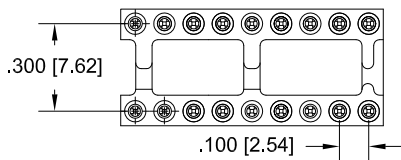


Fig. 9

Thru-Hole: 101-318-01S-R27-L14
Surface Mount: 101-318-93S-R27-L14

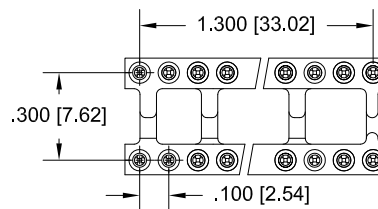


Fig. 10

Thru-Hole: 101-328-01S-R27-L14
Surface Mount: 101-328-93S-R27-L14

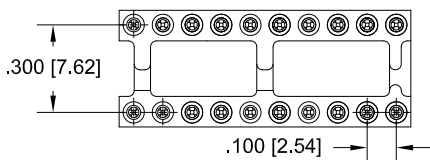


Fig. 11

Thru-Hole: 101-320-01S-R27-L14
Surface Mount: 101-320-93S-R27-L14

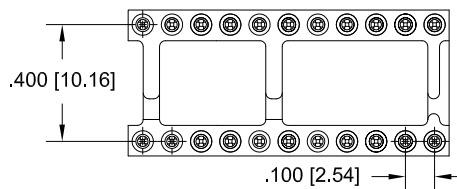


Fig. 12

Thru-Hole: 101-422-01S-R27-L14
Surface Mount: 101-422-93S-R27-L14

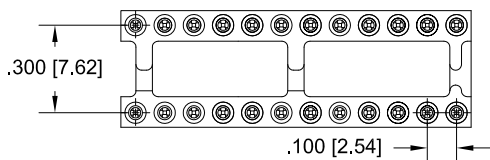


Fig. 13

Thru-Hole: 101-324-01S-R27-L14
Surface Mount: 101-324-93S-R27-L14

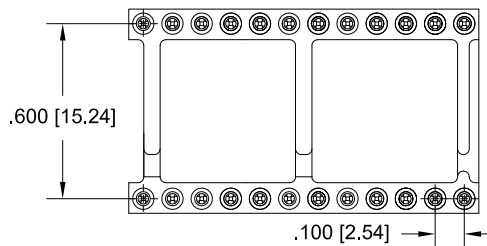


Fig. 14

Thru-Hole: 101-624-01S-R27-L14
Surface Mount: 101-624-93S-R27-L14

PYRAMID SEMICONDUCTOR CORPORATION *Continued*

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

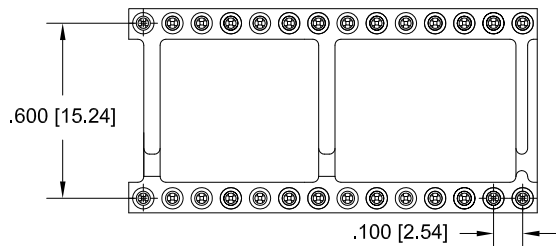


Fig. 15

Thru-Hole: 101-628-01S-R27-L14
Surface Mount: 101-628-93S-R27-L14

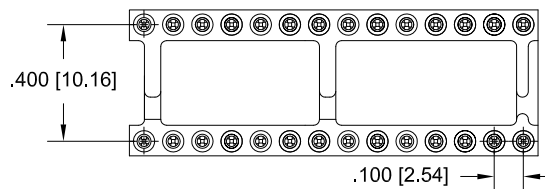


Fig. 16

Thru-Hole: 101-428-01S-R27-L14
Surface Mount: 101-428-93S-R27-L14

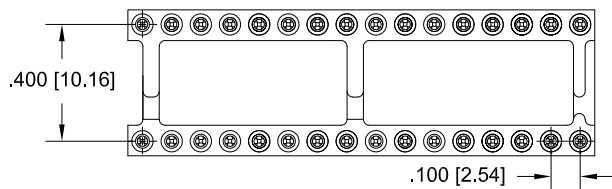


Fig. 17

Thru-Hole: 101-432-01S-R27-L14
Surface Mount: 101-432-93S-R27-L14

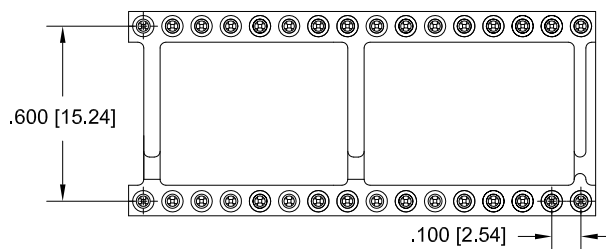


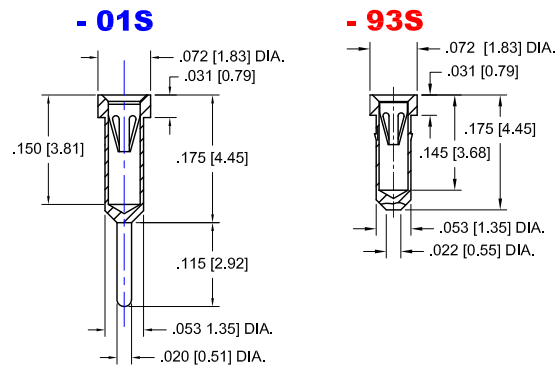
Fig. 18

Thru-Hole: 101-632-01S-R27-L14
Surface Mount: 101-632-93S-R27-L14

PYRAMID SEMICONDUCTOR CORPORATION *Continued*

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

NON MAGNETIC PLATING AVAILABLE - G55



Technical Information

Material:

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

Plating: RoHS COMPLIANT

R15 TERMINAL: GOLD / CONTACT: GOLD

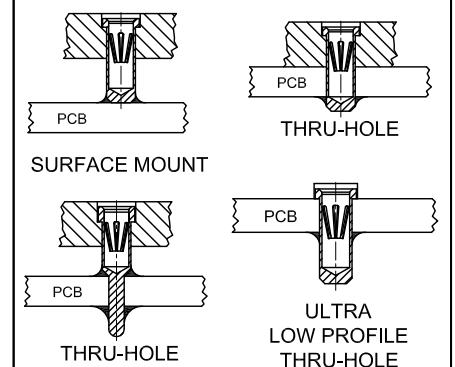
R17 TERMINAL: TIN / CONTACT: GOLD

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
-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

MOUNTING OPTIONS



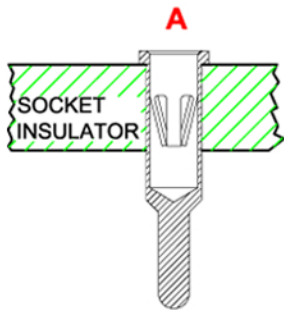
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*Sockets are not drawn to scale PYRAMID SEMICONDUCTOR CORPORATION 3/8/2016

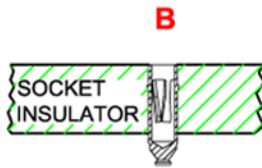
ANDON ELECTRONICS CORPORATION
4 Court Drive, Lincoln RI 02865, United States of America

"ANDON PROPRIETARY INFORMATION"
RoHS Compliant
www.andonelectronics.com or www.andonelect.com
Phone 401-333-0388 Fax 401-333-0287
Email Info@andonelect.com

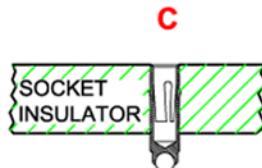
Mounting Options



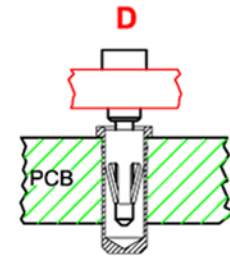
THRU-HOLE



SMD-FLAT FOOT



ROLLERBALL



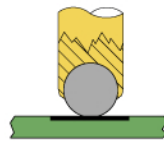
PCB FOR THRU-HOLE
INSULATOR FOR SMD

**CARRIER
WITH OR WITHOUT
SOLDER
WASHER**



**PIN SOCKET
BULK
WITH OR WITHOUT
SOLDER
WASHER**

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

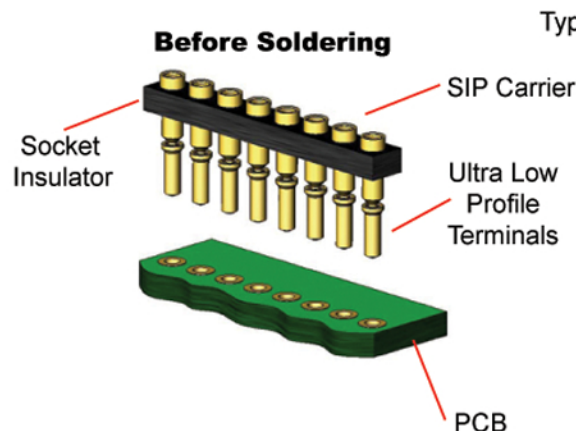
**ROLLERBALL®
SOCKET**



AFTER SOLDERING

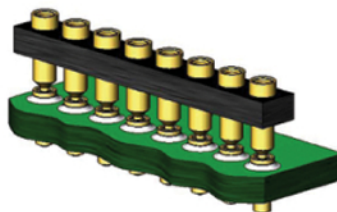
ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY

Before Soldering

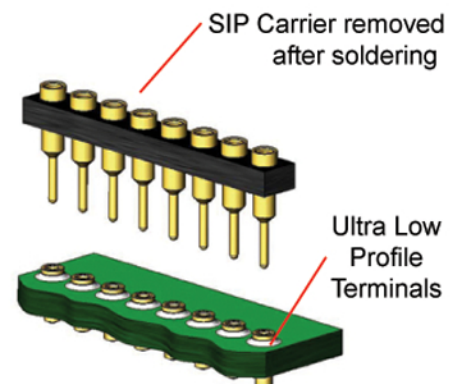


Type D

During Soldering



After Soldering



Available with or without solder washer