

BATTERY CONTACTS

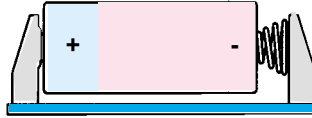
Designers' Choice



"A" • "AA" • "AAA" • "N" SIZE PC BUTTON & SPRING CONTACTS



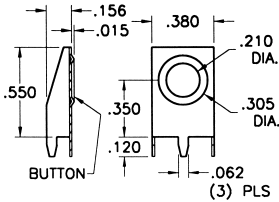
- Ideal contacts for "A" • "AA" • "AAA" • "N" size batteries.
- Space saving design installs directly onto the PC board
- Ideal for self-contained battery compartments
- Contacts available for .062 and .093 thick PC boards
- Reliable spring and/or button assures low contact resistance



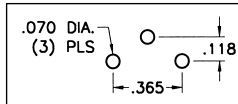
MATERIAL: Frame: .015 Steel, Tin Plate

MATERIAL: Frame: .015 Steel, Tin Plate
Uses Cat. No. 211 Spring Contact

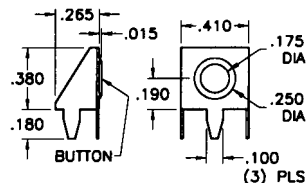
(+) Positive Button



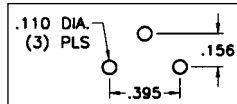
Mounting Detail



CAT. NO. 595 - For "A"

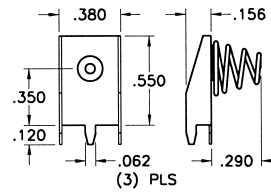


Mounting Detail

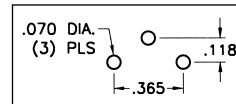


CAT. NO. 637 - For "AA" • "AAA" • "N"

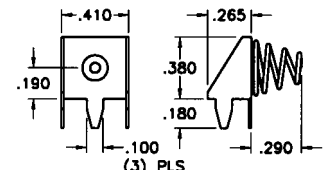
(-) Negative Spring



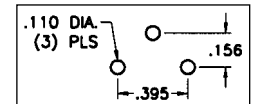
Mounting Detail



CAT. NO. 628 - For "A"



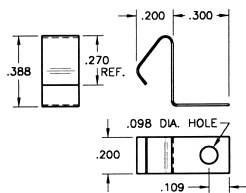
Mounting Detail



CAT. NO. 629 - For "AA" • "AAA" • "N"

SURFACE MOUNT BATTERY CONTACTS

For "AAA" • "AAAA"

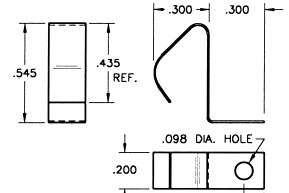


CAT. NO. 5230
CAT. NO. 5230TR

Tape and Reel Spec's: 24mm wide; 12mm pitch;
13 inch reel (400 pieces per reel)



For "A" • "AA" • "9V"



CAT. NO. 5231
CAT. NO. 5231TR

Tape and Reel Spec's: 32mm wide; 12mm pitch;
13 inch reel (400 pieces per reel)

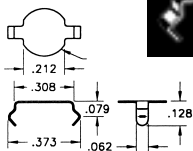


• ECONOMICAL • SPACE SAVING

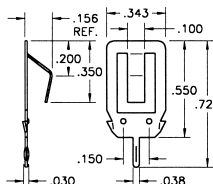
PC BATTERY CONTACTS

- Ideal for self-contained battery compartments
- Contact us for modifications and custom design

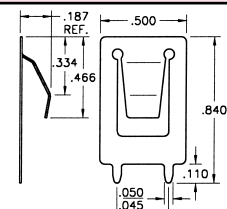
Mounting Detail



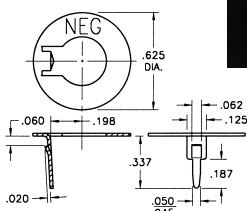
CAT. NO. 2990 .008 Thick, Phosphor Bronze, Nickel Plate



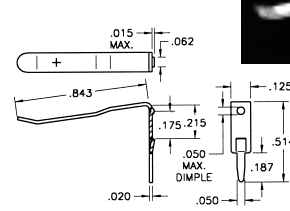
CAT. NO. 108-2 .012 Thick, Spring Steel, Nickel Plate



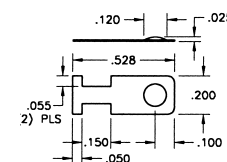
CAT. NO. 109-2 .012 Thick, Spring Steel, Nickel Plate



CAT. NO. 105-3 .020 Thick, Spring Steel, Nickel Plate



CAT. NO. 105-2 .020 Thick, Spring Steel, Nickel Plate



CAT. NO. 230-1 .008 Thick, Spring Steel, Nickel Plate

BATTERY CONTACTS

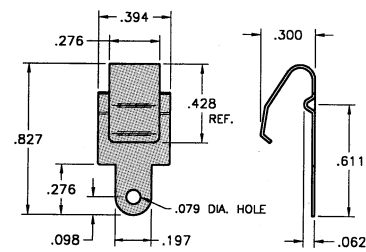
BATTERY SPRING & BUTTON CONTACTS

- Economical and reliable contacts are ideal for molded cases with self contained battery compartments
- Single and dual contact designs available for "A", "AA", "AAA", "AAAA" & "N" size batteries
- "Solder tab" design for either wire lead or PC mounting
- Unique spring contacts adjust to variations in battery lengths
- Reliable spring contacts assure low contact resistance and a dependable connection
- Space saving, economical, excellent mechanical construction

SPRING CONTACT FOR "A" • "AA" • "9V" SIZES

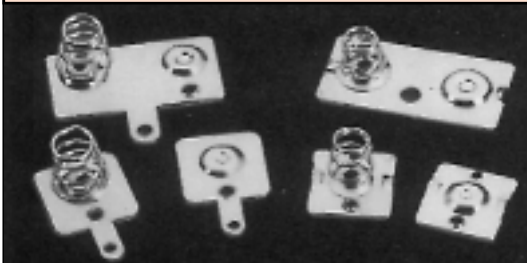


MATERIAL: .012 Phosphor Bronze, Nickel Plate



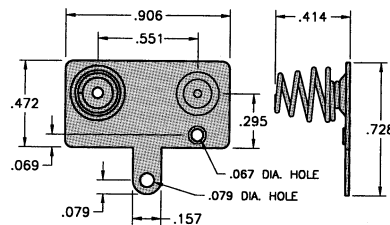
CAT. NO. 5209

BATTERY CONTACTS FOR "A" • "AA" SIZES



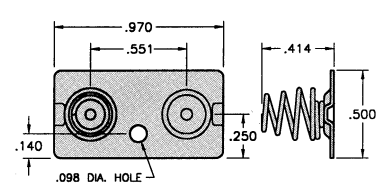
MATERIAL:
Plate: .020 Steel, Nickel Plate
Spring: Spring Steel, Nickel Plate

Dual Contact w/Tabs



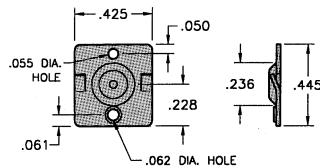
CAT. NO. 5211

Dual Contact



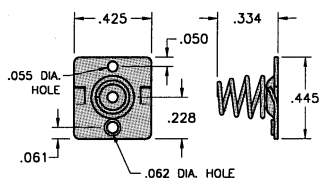
CAT. NO. 5212

(+) Positive Button



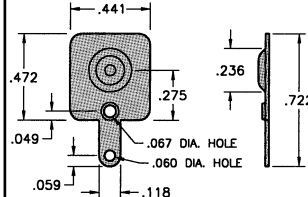
CAT. NO. 5224

(-) Negative Spring



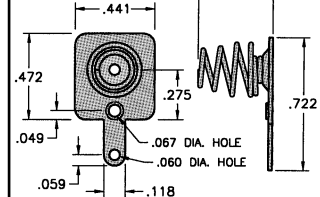
CAT. NO. 5202

(+) Positive Button w/Tabs



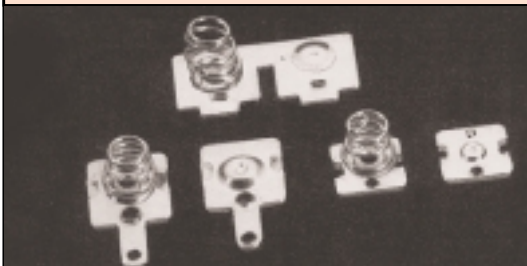
CAT. NO. 5223

(-) Negative Spring w/Tabs



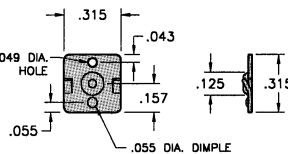
CAT. NO. 5201

BATTERY CONTACTS FOR "AAA" • "AAAA" • "N" SIZES



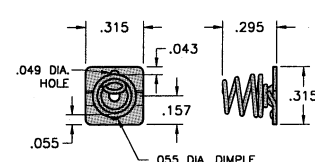
MATERIAL:
Plate: .020 Steel, Nickel Plate
Spring: Spring Steel, Nickel Plate

(+) Positive Button



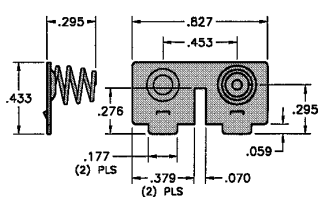
CAT. NO. 5225

(-) Negative Spring

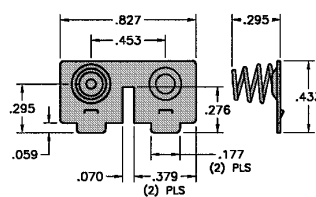


CAT. NO. 5203

Dual Contact

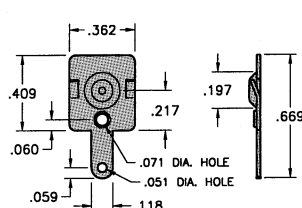


CAT. NO. 5214 (Left Side)



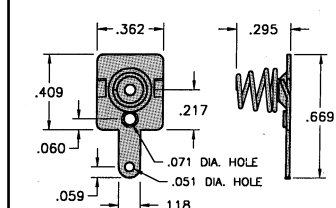
CAT. NO. 5213 (Right Side)

(+) Positive Button w/Tabs



CAT. NO. 5226

(-) Negative Spring w/Tabs



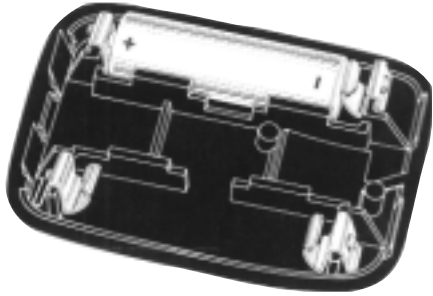
CAT. NO. 5204

BATTERY CONTACTS

Designers' Choice

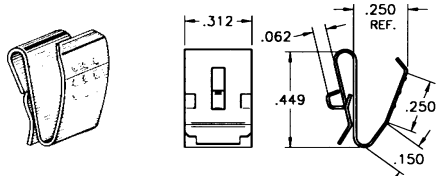


SNAP-ON CONTACTS FOR "A" • "AA" • "AAA" • "AAAA" • "N" SIZES



- Economical and reliable contacts are ideal for molded cases with self contained battery compartments
- Single & dual contact designs available for "A" • "AA" • "AAA" • "AAAA" • "N" size batteries
- Solder "ear" to facilitate soldering of wire lead
- Unique spring tension contact adjusts to variations in battery length
- Reliable spring tension contacts assure low contact resistance
- Clips easily onto .060 to .070 thick panel edges
- Sharp barbs securely anchor contact in place

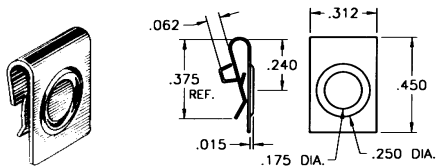
For "A" • "AA"



CAT. NO. 209

MATERIAL
.012 Spring Steel,
Nickel Plate

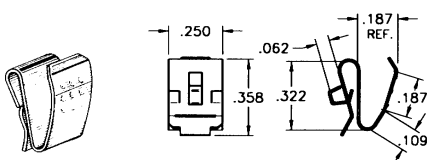
For "A" • "AA"



CAT. NO. 228

MATERIAL
.010 Spring Steel,
Nickel Plate

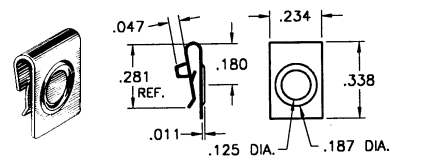
For "AAA" • "AAAA" • "N"



CAT. NO. 204

MATERIAL
.010 Spring Steel,
Nickel Plate

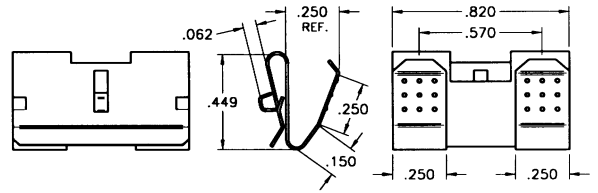
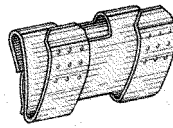
For "AAA" • "AAAA" • "N"



CAT. NO. 238

MATERIAL
.010 Spring Steel,
Nickel Plate

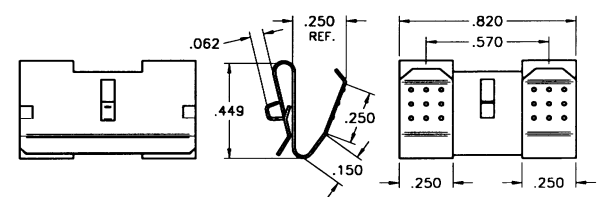
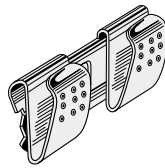
For "A" • "AA"



CAT. NO. 210

MATERIAL: .012 Spring Steel, Nickel Plate

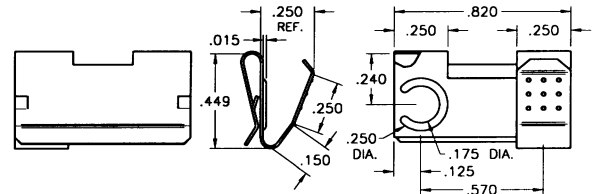
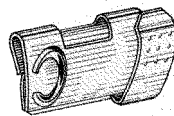
For "A" • "AA"



CAT. NO. 288

MATERIAL: .012 Spring Steel, Nickel Plate

For "A" • "AA"

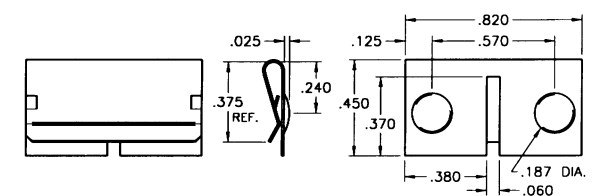
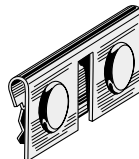


CAT. NO. 290 - Left (shown)

CAT. NO. 291 - Right

MATERIAL: .012 Spring Steel, Nickel Plate

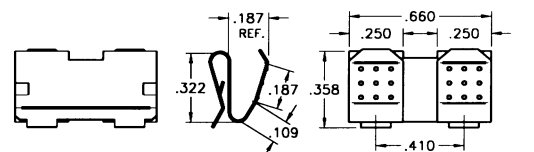
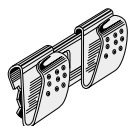
For "A" • "AA"



CAT. NO. 292

MATERIAL: .010 Spring Steel, Nickel Plate

For "AAA" • "AAAA" • "N"



CAT. NO. 202

MATERIAL: .010 Spring Steel, Nickel Plate

BATTERY & COMPONENT CLIPS

Designers' Choice



STEEL SPACE SAVER BATTERY CLIPS

FOR "AA" • "C" • "D" SIZES

IDEAL FOR • CARBON ZINC • NiCd • NiMH • LITHIUM • ALKALINE BATTERIES



Available with insulated or non-insulated contact.
Positive contact grips battery securely.

SPECIFICATIONS

Clips: Spring Steel, Nickel Plate

Contact Eyelets: Brass, Nickel Plate

Insulating Washers: Moisture Proof, Resin Impregnated Fibre

Terminal Lugs: Brass, Tin Plate

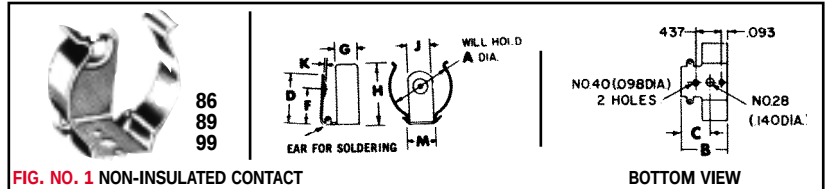


FIG. NO. 1 NON-INSULATED CONTACT

BOTTOM VIEW

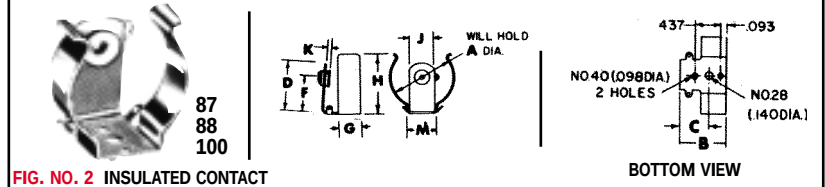


FIG. NO. 2 INSULATED CONTACT

BOTTOM VIEW

CAT. NO.	FIG. NO.	CONTACT	A DIA. MIN.- MAX.	FOR CELLS	± .015 B	± .010 C	± .015 D	± .015 F	± .005 G	± .020 H	± .005 J	± .005 K	± .015 M	STEEL THICKNESS
86	1	NON-INSULATED	.875 to 1.125	C	.703	.391	.812	.593	.375	.937	.500	.050	.605	.020
87	2	INSULATED	.875 to 1.125	C	.703	.391	.812	.593	.375	.937	.500	.070	.605	.020
88	2	INSULATED	1.187 to 1.350	D	.775	.463	1.075	.750	.437	1.187	.500	.070	.609	.020
89	1	NON-INSULATED	1.187 to 1.350	D	.775	.463	1.075	.750	.437	1.187	.500	.050	.609	.020
99	1	NON-INSULATED	.531 to .650	AA	.703	.391	.609	.375	.375	.609	.312	.050	.353	.015
100	2	INSULATED	.531 to .650	AA	.703	.391	.609	.375	.375	.609	.312	.070	.353	.015

ALUMINUM & STEEL COMPONENT CLIPS

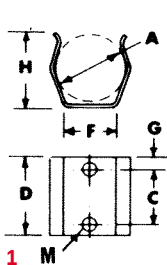
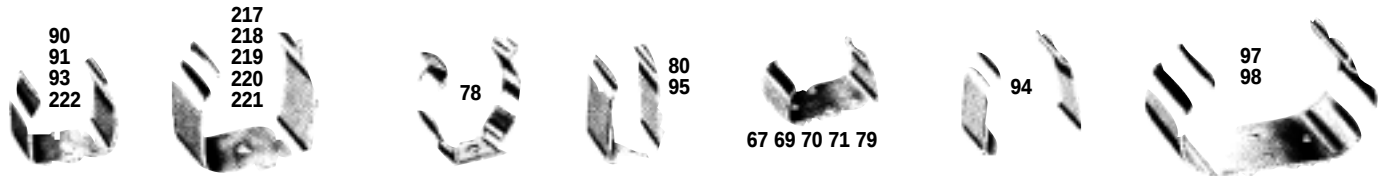


FIG. 1

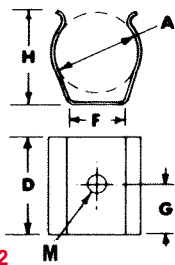


FIG. 2

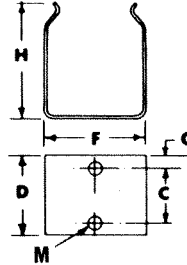


FIG. 3

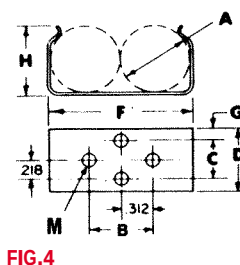


FIG. 4

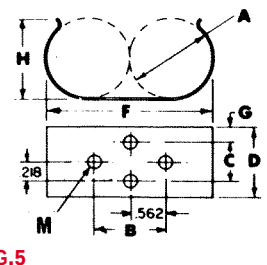


FIG. 5

Precision made spring clips are available in a wide range of sizes. These clips will hold round, square and rectangular batteries or components with similar dimensions. Clips are manufactured from Aluminum or Spring Steel.

MATERIAL

Steel Clips: Spring Steel, Nickel Plate

Aluminum Clips: 2024-T3

*These clips will hold batteries or components of similar dimensions.

CAT. NO.	FIG. NO.	A MIN MAX DIA. OR SIZE	*FOR CELLS	± .005 B	± .005 C	± .005 D	± .005 F	± .010 G	± .015 H	± .003 M MTG HOLES.	MATERIAL
67	3	.375 x .125	CRYSTAL	—	.187	.375	.410	.093	.210	2#51(.067)	.016 Steel
69	4	.562 (2)	(2) AA	.625	.437	.625	1.125	.093	.562	4#40(.098)	.015 Steel
70	4	.656 (2)	(2) RM12	.625	.437	.625	1.343	.093	.740	4#40(.098)	.025 Alum.
71	3	.593 x 1.031	"9" VOLT	—	.437	.625	1.031	.093	.687	2#40(.098)	.015 Steel
78	2	1.187 to 1.350	D	—	—	.500	.562	.250	1.218	1#29(.136)	.020 Steel
79	4	.650 x 1.280	TR146X	.625	.437	.625	1.050	.093	.765	4#40(.098)	.015 Steel
80	3	.650 x 1.280	"9" VOLT	—	.437	.625	.675	.093	1.187	2#40(.098)	.015 Steel
90	1	.375 to .468	AAA	—	.437	.625	.312	.093	.453	2#40(.098)	.020 Alum.
91	1	.531 to .656	AA	—	.437	.625	.406	.093	.562	2#40(.098)	.020 Alum.
93	1	.875 to 1.125	C	—	.437	.625	.937	.093	.921	2#40(.098)	.020 Alum.
94	3	1.187 to 1.375	D	—	.437	.625	1.250	.093	1.218	2#40(.098)	.032 Alum.
95	3	.625 x 1.000	"9" VOLT	—	.437	.625	.656	.093	1.125	2#40(.098)	.020 Alum.
97	5	1.031 (2)	(2) C	—	.437	.625	2.062	.093	1.125	2#40(.098)	.020 Alum.
98	5	1.312 (2)	(2) D	1.125	.437	1.000	2.656	.281	1.437	4#40(.098)	.032 Alum.
217	2	1.375 to 1.500	NiCd	—	—	.812	1.218	.406	1.430	1#22(.157)	.025 Steel
218	2	1.437 to 1.687	NiCd	—	—	.812	1.375	.406	1.531	1#22(.157)	.025 Steel
219	2	2.000 to 2.500	NiCd	—	—	.812	1.687	.406	2.156	1#22(.157)	.025 Steel
220	2	.187 to .203	5mm	—	—	.315	.158	.157	.280	1#42(.093)	.010 Steel
221	2	.859 to .890	.875	—	—	.468	.828	.234	.906	1#22(.157)	.020 Steel
222	1	.875 to 1.125	C	—	.437	.625	.937	.093	.921	2#40(.098)	.020 Steel

9 VOLT HOLDERS & CONNECTORS

Designers' Choice



HORIZONTAL 9 VOLT PC SNAP-ONS

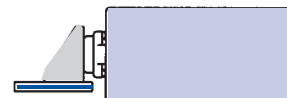
MOUNTS DIRECTLY TO PRINTED CIRCUIT BOARD

PC Male/Female for any standard 9 Volt Battery. Cut costs by eliminating wiring. Compact Space Saver.

- Space saving design installs directly onto the PC board
- Contacts available for .062 and .093 thick PC boards
- Ideal for self-contained battery compartments



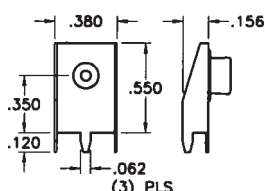
To Mount Battery "On" PC Board
Use Cat. No. 593 and Cat. No. 594



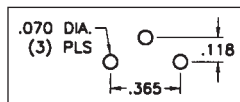
To Mount Battery "Off" PC Board
Use Cat. No. 635 and Cat. No. 636

MATERIAL: Frame: .015 Steel, Tin Plate; **Contacts:** Steel, Nickel Plate

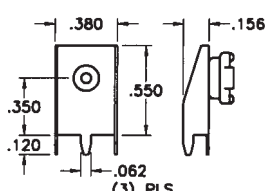
"On-Board"



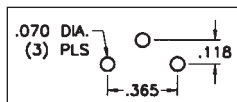
Mounting Detail



CAT. NO. 593 - Male

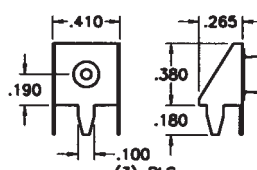


Mounting Detail

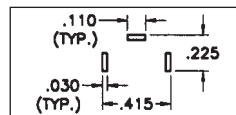


CAT. NO. 594 - Female

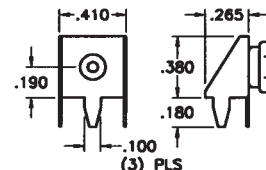
"Off-Board"



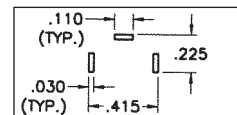
Mounting Detail



CAT. NO. 635 - Male



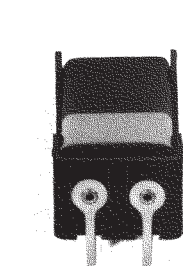
Mounting Detail



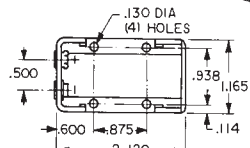
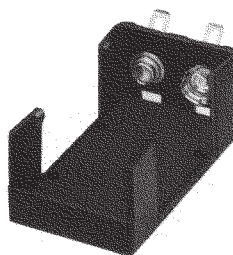
CAT. NO. 636 - Female

UNIVERSAL 9 VOLT BATTERY HOLDERS

With PC Terminals or Combination Quick-Fit/Solder Lug Terminals.



CAT. NO. 1294
PC Terminals



CAT. NO. 1295
Quick-Fit/Solder Lug Terminals

Holds any size, any shape, standard 9 Volt battery.

Eliminates need to specify an exact battery brand, size or shape. Ideal for power source or memory back-up use in minicomputers, telecommunications, data processing, security systems, clocks, radios, toys and appliances.

- Male-female snap-in terminals assure positive contact and proper polarity
- Durable, rugged construction
- Excellent spring retention—holds battery in place
- Withstands severe shock and vibration
- Operating temperature range: -40°F to +266°F (-40°C to +130°C)
- Impervious to most industrial solvents

SPECIFICATIONS

Body: Molded from high impact, Glass Filled Nylon

Terminals: Brass, Tin Plate

Contacts: Steel, Nickel Plate

9 VOLT SNAP-IN BATTERY HOLDERS

For use with standard 9 Volt battery. Battery snaps in place to insure positive contact. Ideal where severe shock and vibration are encountered. Available with standard solder lugs or printed circuit lugs.

SPECIFICATIONS

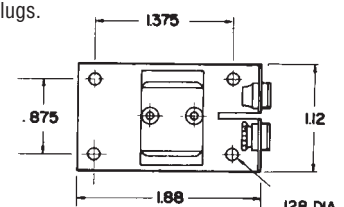
Frame: Aluminum

Solder Lugs: Brass, Tin Plate

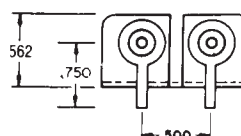
PC Lugs: Brass, Tin Plate

Contacts & Clips: Steel, Nickel Plate

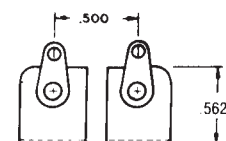
Insulation: Resin Impregnated Fibre



NOTE: For battery thicknesses over .640; specify Cat. No. 1290-79 or 1291-79.



CAT. NO. 1291 PC Lugs



CAT. NO. 1290 Solder Lugs

ENGINEERING DATA

Designers' Choice



DRILL SIZE DIAMETER TABLE

Diameter	Drill Size	Diameter	Drill Size	Diameter	Drill Size	Diameter	Drill Size
.0135	80	.0935	42	.2031	13/64	.4040	Y
.0145	79	.0938	3/32	.2040	6	.4062	13/32
.0156	1/64	.0960	41	.2055	5	.4130	Z
.0160	78	.0980	40	.2090	4	.4219	27/64
.0180	77	.0995	39	.2130	3	.4375	7/16
.0200	76	.1015	38	.2188	7/32	.4531	29/64
.0210	75	.1040	37	.2210	2	.4688	15/32
.0225	74	.1065	36	.2280	1	.4844	31/64
.0240	73	.1094	7/64	.2340	A	.5000	1/2
.0250	72	.1100	35	.2344	15/64	.5156	33/64
.0260	71	.1110	34	.2380	B	.5312	17/32
.0280	70	.1130	33	.2420	C	.5469	35/64
.0292	69	.1160	32	.2460	D	.5625	9/16
.0310	68	.1200	31	.2500	1/4	.5781	37/64
.0312	1/32	.1250	1/8	.2500	E	.5938	19/32
.0320	67	.1285	30	.2570	F	.6094	39/64
.0330	66	.1360	29	.2610	G	.6250	5/8
.0350	65	.1405	28	.2656	17/64	.6406	41/64
.0360	64	.1406	9/64	.2660	H	.6562	21/32
.0370	63	.1440	27	.2720	I	.6719	43/64
.0380	62	.1470	26	.2770	J	.6875	11/16
.0390	61	.1495	25	.2810	K	.7031	45/64
.0400	60	.1520	24	.2812	9/32	.7188	23/32
.0410	59	.1540	23	.2900	L	.7344	47/64
.0420	58	.1562	5/32	.2950	M	.7500	3/4
.0430	57	.1570	22	.2969	19/64	.7656	49/64
.0465	56	.1590	21	.3020	N	.7812	25/32
.0469	3/64	.1610	20	.3125	5/16	.7969	51/64
.0520	55	.1660	19	.3160	O	.8120	13/16
.0550	54	.1695	18	.3230	P	.8281	53/64
.0595	53	.1719	11/64	.3281	21/64	.8438	27/32
.0625	1/16	.1730	17	.3320	Q	.8594	55/64
.0635	52	.1770	16	.3390	R	.8750	7/8
.0670	51	.1800	15	.3438	11/32	.8906	57/64
.0700	50	.1820	14	.3480	S	.9062	29/32
.0730	49	.1850	13	.3580	T	.9219	59/64
.0760	48	.1875	3/16	.3594	23/64	.9375	15/16
.0781	5/64	.1890	12	.3680	U	.9531	61/64
.0785	47	.1910	11	.3750	3/8	.9688	31/32
.0810	46	.1935	10	.3770	V	.9844	63/64
.0820	45	.1960	9	.3860	W	1.0000	1/1
.0860	44	.1990	8	.3906	25/64		
.0890	43	.2010	7	.3970	X		

MILLIMETER CONVERSION TABLE

MM	Decimal Inches	Fraction Inches	MM	Decimal Inches	Fraction Inches	MM	Decimal Inches	Fraction Inches	MM	Decimal Inches	Fraction Inches
0.1	.0039		6.5	.2559		12.8	.5039		19.2	.7559	
0.2	.0079		6.6	.2598		12.9	.5079		19.3	.7598	
0.3	.0118		6.7	.2638		13.0	.5118		19.4	.7638	
0.397	.0156	1/64	6.747	.2656	17/64	13.097	.5156	33/64	19.447	.7656	49/64
0.4	.0157		6.8	.2677		13.1	.5157		19.5	.7677	
0.5	.0197		6.9	.2717		13.2	.5197		19.6	.7717	
0.6	.0236		7.0	.2756		13.3	.5236		19.7	.7756	
0.7	.0276		7.1	.2795		13.4	.5276		19.8	.7795	
0.794	.0313	1/32	7.144	.2813	9/32	13.494	.5313	17/32	19.844	.7813	25/32
0.8	.0315		7.2	.2835		13.5	.5315		19.9	.7835	
0.9	.0354		7.3	.2874		13.6	.5354		20.0	.7874	
1.0	.0394		7.4	.2913		13.7	.5394		20.1	.7913	
1.1	.0433		7.5	.2953		13.8	.5433		20.2	.7953	
1.191	.0469	3/64	7.541	.2969	19/64	13.891	.5469	35/64	20.241	.7969	51/64
1.2	.0472		7.6	.2992		13.9	.5472		20.3	.7992	
1.3	.0512		7.7	.3031		14.0	.5512		20.4	.8031	
1.4	.0551		7.8	.3071		14.1	.5551		20.5	.8071	
1.5	.0591		7.9	.3110		14.2	.5591		20.6	.8110	
1.588	.0625	1/16	7.938	.3125	5/16	14.288	.5625	9/16	20.638	.8125	13/16
1.6	.0630		8.0	.3150		14.3	.5630		20.7	.8150	
1.7	.0669		8.1	.3189		14.4	.5669		20.8	.8189	
1.8	.0709		8.2	.3228		14.5	.5709		20.9	.8228	
1.9	.0748		8.3	.3268		14.6	.5748		21.0	.8268	
1.984	.0781	5/64	8.334	.3281	21/64	14.684	.5781	37/64	21.034	.8281	53/64
2.0	.0787		8.4	.3307		14.7	.5787		21.1	.8307	
2.1	.0827		8.5	.3346		14.8	.5827		21.2	.8346	
2.2	.0866		8.6	.3386		14.9	.5866		21.3	.8386	
2.3	.0906		8.7	.3425		15.0	.5906		21.4	.8425	
2.381	.0938	3/32	8.731	.3438	11/32	15.081	.5938	19/32	21.431	.8438	27/32
2.4	.0945		8.8	.3465		15.1	.5945		21.5	.8465	
2.5	.0984		8.9	.3504		15.2	.5984		21.6	.8504	
2.6	.1024		9.0	.3543		15.3	.6024		21.7	.8543	
2.7	.1063		9.1	.3583		15.4	.6063		21.8	.8583	
2.778	.1094	7/64	9.128	.3594	23/64	15.478	.6094	39/64	21.828	.8594	55/64
2.8	.1102		9.2	.3622		15.5	.6102		21.9	.8622	
2.9	.1142		9.3	.3661		15.6	.6142		22.0	.8661	
3.0	.1181		9.4	.3701		15.7	.6181		22.1	.8701	
3.1	.1220		9.5	.3740		15.8	.6220		22.2	.8740	
3.175	.1250	1/8	9.525	.3750	3/8	15.875	.6250	5/8	22.225	.8750	7/8
3.2	.1260		9.6	.3780		15.9	.6260		22.3	.8780	
3.3	.1299		9.7	.3819		16.0	.6299		22.4	.8819	
3.4	.1339		9.8	.3858		16.1	.6339		22.5	.8858	
3.5	.1378		9.9	.3898		16.2	.6378		22.6	.8898	
3.572	.1406	9/64	9.922	.3906	25/64	16.272	.6406	41/64	22.622	.8906	57/64
3.6	.1417		10.0	.3937		16.3	.6417		22.7	.8937	
3.7	.1457		10.1	.3976		16.4	.6457		22.8	.8976	
3.8	.1496		10.2	.4016		16.5	.6496		22.9	.9016	
3.9	.1535		10.3	.4055		16.6	.6535		23.0	.9055	
3.969	.1563	5/32	10.319	.4063	13/32	16.669	.6563	21/32	23.019	.9063	29/32
4.0	.1575		10.4	.4094		16.7	.6575		23.1	.9094	
4.1	.1614		10.5	.4134		16.8	.6614		23.2	.9134	
4.2	.1654		10.6	.4173		16.9	.6654		23.3	.9173	
4.3	.1693		10.7	.4213		17.0	.6693		23.4	.9213	
4.366	.1719	11/64	10.716	.4219	27/64	17.066	.6719	43/64	23.416	.9219	59/64
4.4	.1732		10.8	.4252		17.1	.6732		23.5	.9252	
4.5	.1772		10.9	.4291		17.2	.6772		23.6	.9291	
4.6	.1811		11.0	.4331		17.3	.6811		23.7	.9331	
4.7	.1850		11.1	.4370		17.4	.6850		23.8	.9370	
4.763	.1875	3/16	11.113	.4375	7/16	17.463	.6875	11/16	23.813	.9375	15/16
4.8	.1890		11.2	.4409		17.5	.6890		23.9	.9409	
4.9	.1929		11.3	.4449		17.6	.6929		24.0	.9449	
5.0	.1969		11.4	.4488		17.7	.6968		24.1	.9488	
5.1	.2008		11.5	.4528		17.8	.7008		24.2	.9528	
5.159	.2031	13/64	11.509	.4531	29/64	17.859	.7031	45/64	24.209	.9531	61/64
5.2	.2047		11.6	.4567		17.9	.7047		24.3	.9567	
5.3	.2087		11.7	.4606		18.0	.7087		24.4	.9606	
5.4	.2126		11.8	.4646		18.1	.7126		24.5	.9646	
5.5	.2165		11.9	.4685		18.2	.7165		24.6	.9685	
5.556	.2188	7/32	11.906	.4688	15/32	18.256	.7188	23/32	24.606	.9688	31/32
5.6	.2205		12.0	.4724		18.3	.7205		24.7	.9724	
5.7	.2244		12.1	.4764		18.4	.7244		24.8	.9764	
5.8	.2283		12.2	.4803		18.5	.7283		24.9	.9803	
5.9	.2323		12.3	.4843		18.6	.7323		25.0	.9843	
5.953	.2344	15/64	12.303	.4844	31/64	18.653	.7344	47/64	25.003	.9844	63/64
6.0	.2362		12.4	.4882		18.7	.7362		25.1	.9882	
6.1	.2402		12.5	.4921		18.8	.7402		25.2	.9921	
6.2	.2441		12.6	.4961		18.9	.7441		25.3	.9961	
6.3	.2480		12.7	.5000		19.0	.7480		25.400	1.0000	1
6.350	.2500	1/4	12.700	.5000	1/2	19.050	.7500	3/4			
6.4	.2520					19.1	.7520				

SCREW/STUD CLEARANCE HOLE TABLE

Screw/Stud Size	Screw/Stud Dia. Max.	Recommended Clearance Hole Dia.
0	.060	.067
1	.073	.078
2	.086	.093
3	.099	.105
4	.112	.120
5	.125	.130
6	.138	.144
8	.164	.169
10	.190	.196
12	.216	.220
14	.242	.250
1/4	.250	.257