

# RUGGED STEEL BATTERY HOLDERS



An established design that has gained wide acceptance for commercial and military applications. Batteries are held under constant spring tension assuring low contact resistance. Retainer clips are available to lock batteries in place and prevent shifting or loosening. Refer to page 10. Recommended for use where shock or severe vibration is encountered. Special fabrication for more than four batteries or variations from standard stock parts can be assembled to meet your requirements.

- Ideal for NiCd, Alkaline, NiMH, Carbon, Zinc and Lithium Cells
- Corrosion Resistant, Nickel Plate
- Brass Contacts, Nickel Plate
- Moisture Proof Resin Impregnated, Fibre Insulating Washers

**FIG. 1** STAINLESS STEEL BASE. INSULATOR TUBES SUPPLIED FOR 2-3-4 CELLS (END TO END)



**FIG. 2** STEEL BASE. LITHIUM (SINGLE CELL)

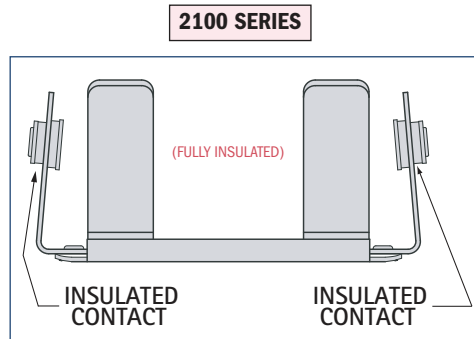
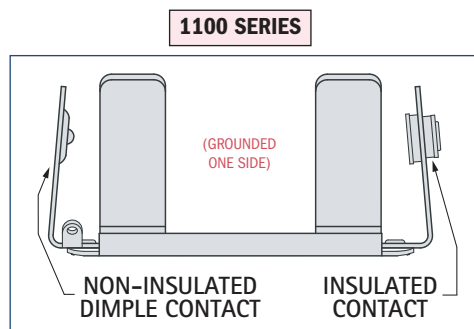


**FIG. 3** PHENOLIC BASE FOR 2, 3, 4 CELLS (SIDE BY SIDE)



1100 SERIES	2100 SERIES	HOLDS NO. OF CELLS	FIG. NO.	BATTERY CROSS REFERENCE		
ONE CONTACT INSULATED CAT. NO.	ALL CONTACTS INSULATED CAT. NO.			IEC	ANSI/NEDA	BATTERY MANUFACTURERS
<b>"AA" CELL</b>				( BATTERY SIZE .531 (13.4) O.D. x 1.906 (48.4) L ) ( SIZE .565 (14.5) O.D. x 1.988 (50.5) L )		
1139	2139	1	1	LR6	15A	Energizer, Duracell, Panasonic, Sanyo, Varta, Rayovac, Tadiran
—	2140*	2	3			
—	2171*	3	3			
—	2182*	4	3			
1189	2189	2	1			
1191	2191	3	1			
1194	2194	4	1			
<b>"C" CELL</b>				( BATTERY SIZE .875 (22.2) O.D. x 1.875 (47.6) L ) ( SIZE 1.125 (28.6) O.D. x 1.969 (50.0) L )		
1173	2173	1	1	LR14	14A	Energizer, Duracell, Panasonic, Sanyo, Varta, Rayovac, Tadiran
—	2174*	2	3			
—	2187*	3	3			
—	2188*	4	3			
1185	2185	2	1			
1195	2195	3	1			
1198	2198	4	1			
<b>"D" CELL</b>				( BATTERY SIZE 1.187 (30.1) O.D. x 2.312 (58.7) L ) ( SIZE 1.375 (34.9) O.D. x 2.412 (61.3) L )		
1175	2175	1	1	LR20	13A	Energizer, Duracell, Panasonic, Sanyo, Varta, Rayovac, Tadiran
—	2176*	2	3			
—	2190*	3	3			
—	2192*	4	3			
1186	2186	2	1			
1199	2199	3	1			
1162	2162	4	1			
<b>"1/2AA" LITHIUM CELL</b>				( BATTERY SIZE .475 (12.1) O.D. x .965 (24.5) L ) ( SIZE .510 (13.0) O.D. x .992 (25.2) L )		
—	1103	1	2	CR11108	1406LC	Energizer 544, Duracell PX28L, Panasonic CR14250

\*Clips mounted on .062 (1.57) thick Phenolic board.



**MODIFICATIONS**  
We welcome the opportunity to quote on variations of standard items. Use our engineering service for your custom-built holders. Holders with PC and Quick-Fit terminals available on special order.