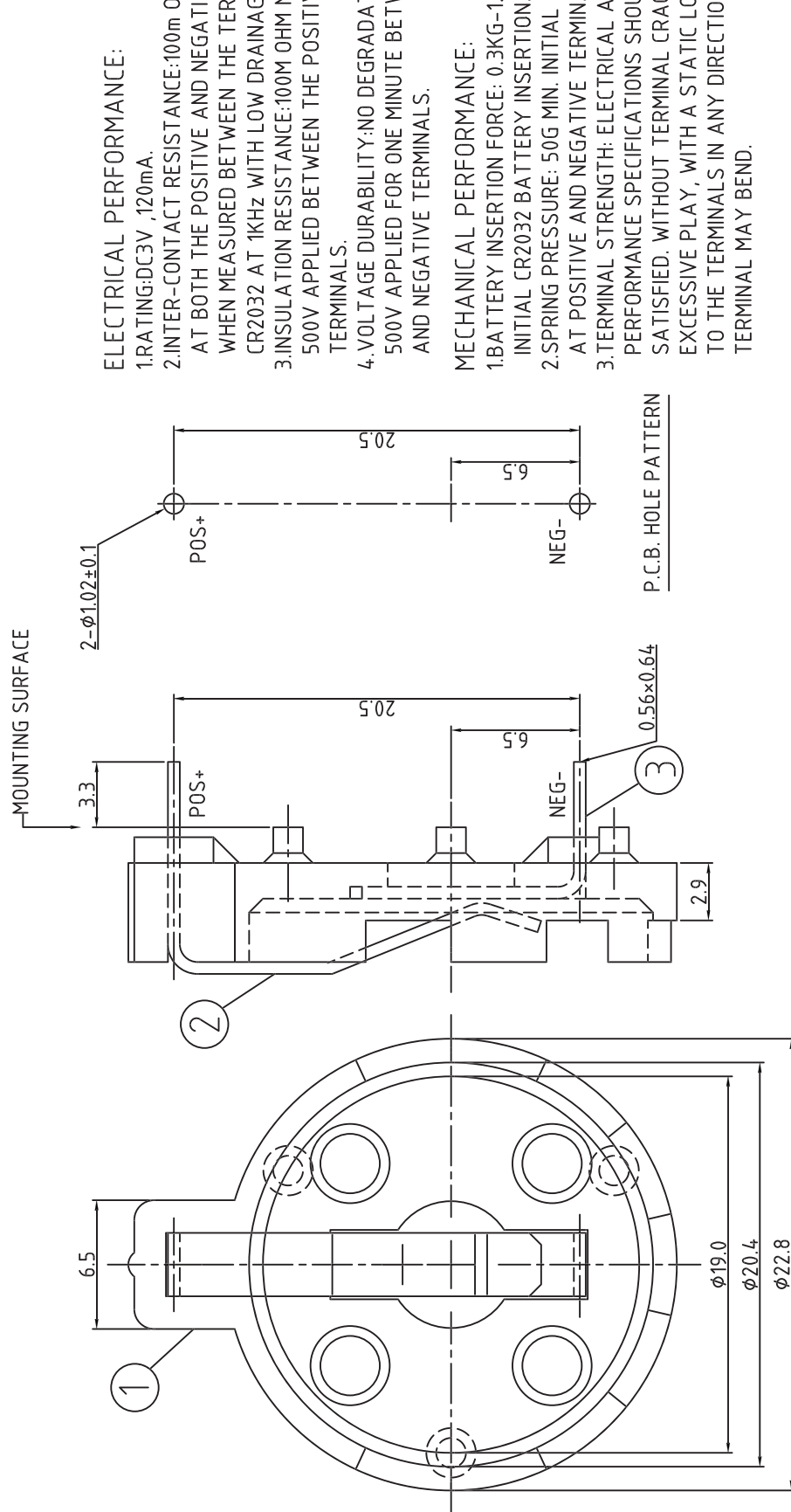


CUSTOMER	BD003	FILE NO.	D03-011	THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE CONFIDENTIAL PROPERTY OF SAMAR AND SHALL NOT BE REPRODUCED OR COPIED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION.	REV.	0	INITIAL RELEASE	DESCRIPTION	DRAWN / DATE	APPROVED / DATE
									FROS 03/25/2011	FROS 03/25/2011



ELECTRICAL PERFORMANCE:

1. RATING: DC3V, 120mA.
2. INTER-CONTACT RESISTANCE: 100m OHM MAX. AT BOTH THE POSITIVE AND NEGATIVE TERMINALS WHEN MEASURED BETWEEN THE TERMINALS OF THE CR2032 AT 1KHz WITH LOW DRAINAGE (100mA MAX.)
3. INSULATION RESISTANCE: 100M OHM MIN. WITH DC 500V APPLIED BETWEEN THE POSITIVE AND NEGATIVE TERMINALS.
4. VOLTAGE DURABILITY: NO DEGRADATION WITH DC 500V APPLIED FOR ONE MINUTE BETWEEN THE POSITIVE AND NEGATIVE TERMINALS.

MECHANICAL PERFORMANCE:

1. BATTERY INSERTION FORCE: 0.3KG-1.0KG FOR THE INITIAL CR2032 BATTERY INSERTION.
2. SPRING PRESSURE: 50G MIN. INITIAL CONTACT FORCE AT POSITIVE AND NEGATIVE TERMINALS.
3. TERMINAL STRENGTH: ELECTRICAL AND MECHANICAL PERFORMANCE SPECIFICATIONS SHOULD STILL BE SATISFIED, WITHOUT TERMINAL CRACKING OR EXCESSIVE PLAY, WITH A STATIC LOAD OF 1KG APPLIED TO THE TERMINALS IN ANY DIRECTION. HOWEVER, THE TERMINAL MAY BEND.

DIMENSIONS ARE IN .mm [INCH]		TOLERANCES ARE FRACTIONS DECIMALS ANGLES		MATERIAL	
MOLD NO. D03-011		.x ± 0.20 [0.008] .xx ± 0.12 [0.005]		FINISH COLOR	
				BATTERY HOLDER	
		P/N 087507		DRAWN FROS	
		PROJECT NO.		DATE 03/25/2011	
		SCALE 3/1		SIZE A4 SHEET 1 OF 1	
3.	NEGATIVE CONTACT	1	BRASS	NICKEL PLATED	
2.	POSITIVE CONTACT	1	PHOSPHOR BRONZE	NICKEL PLATED	
1.	HOUSING	1	NYLON		UL94V-0
P/N	PART NAME	Q'TY	MATERIAL	PLATING	REMARKS

