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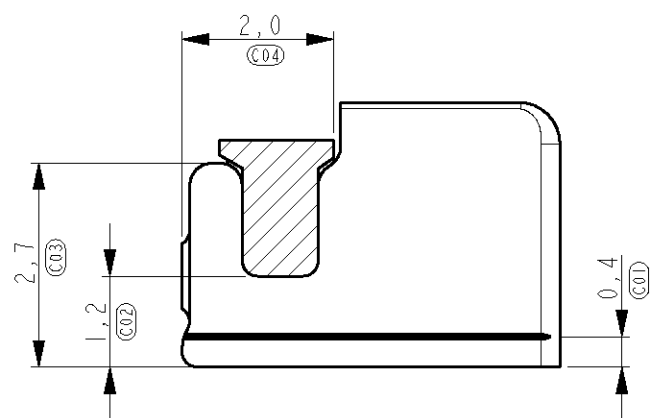
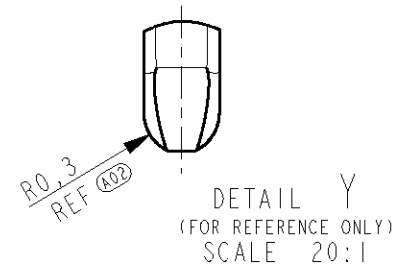
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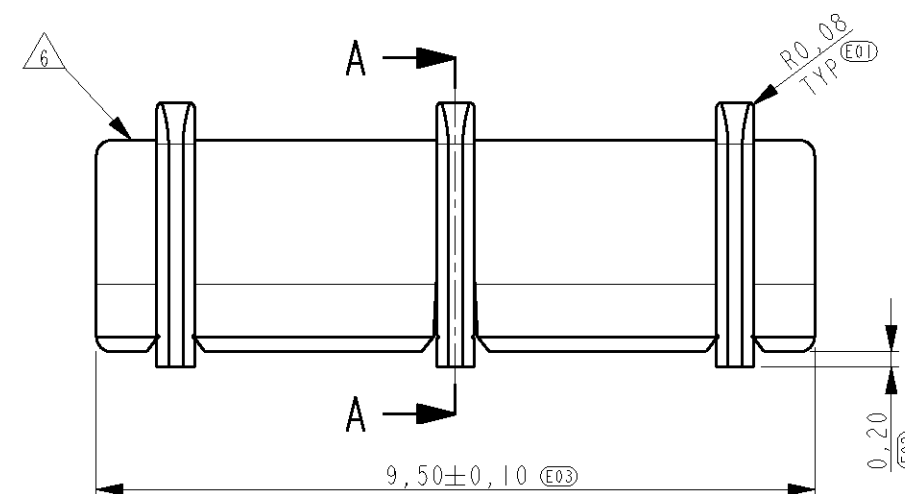
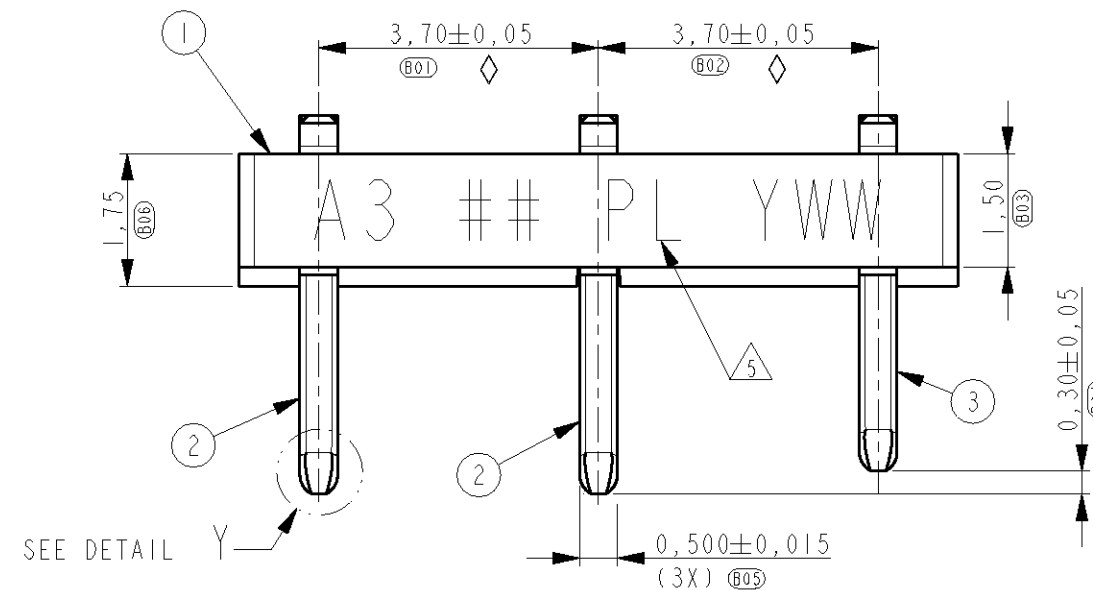
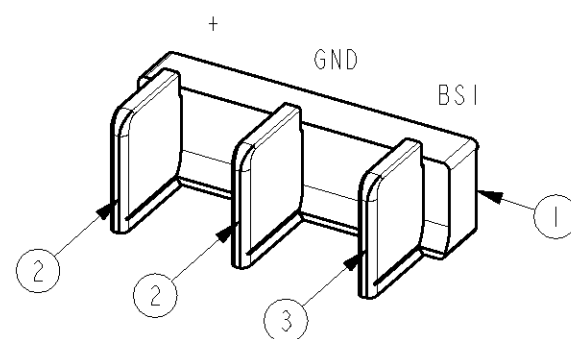
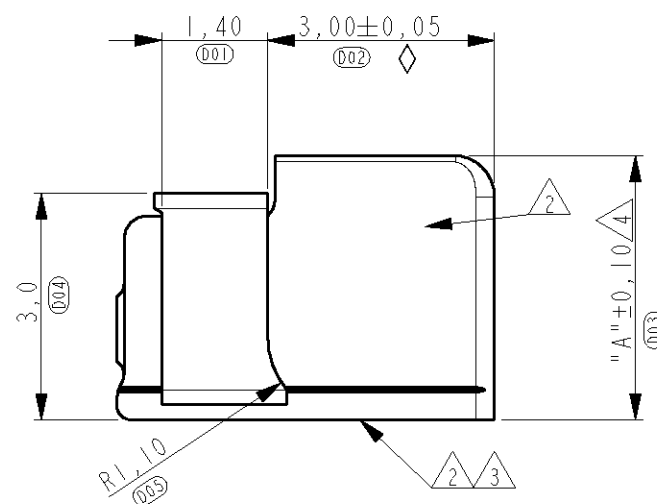
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## NOTES:

- 1 DRAWING REPRESENTS PART VERSION "A3".
- 2 PLATING:  
1,2µm MIN. NICKEL ALL OVER  
0,8µm MIN. GOLD ON CONTACT AREA  
0,1µm - 0,3µm GOLD ON SOLDER AREA
- 3 COPLANARITY OF SOLDER SURFACES 0,08 MAX.
- 4 DIMENSION DEPENDS ON DISTANCE BETWEEN PWB AND BATTERY, SEE TABLE ON SHEET 3.
- 5 MARKING: VERSION (A3), PROCES ID (##), PRODUCTION LOCATION (PL: GD = GUANGDONG, IN = INDIA), PRODUCTION DATE (YWW, YEAR AND WEEK).
- 6 MARKING: CAVITY ID.



SECTION A-A



3	CONTACT, FIRST BREAK	COPPER ALLOY	GOLD PLATED
2	CONTACT, LAST BREAK	COPPER ALLOY	GOLD PLATED
1	HOUSING	PLASTIC, GF	-
ITEM NO.	DESCRIPTION	MATERIAL	FINISH

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SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
0 PLC	±0,2
1 PLC	±0,1
2 PLC	±0,1
3 PLC	±0,1
4 PLC	±0,1
ANGLES	±0,1
MATERIAL	FINISH

DWN	15 APR 2005
CHK	15 APR 2005
APVD	15 APR 2005
PRODUCT SPEC	108-19276
APPLICATION SPEC	114-19088
WEIGHT	-

TYCO ELECTRONICS NEDERLAND B.V.	
's-HERTOGENBOSCH, THE NETHERLANDS	
NAME	
PLUG CONNECTOR	
LOW, 3 POSITION	
BATTERY BLOCK	
SIZE	CAGE CODE
A3	00779
DRAWING NO	C=1857071
RESTRICTED TO	

CUSTOMER DRAWING

SCALE 10:1

SHEET 1 OF 5 REV G

4

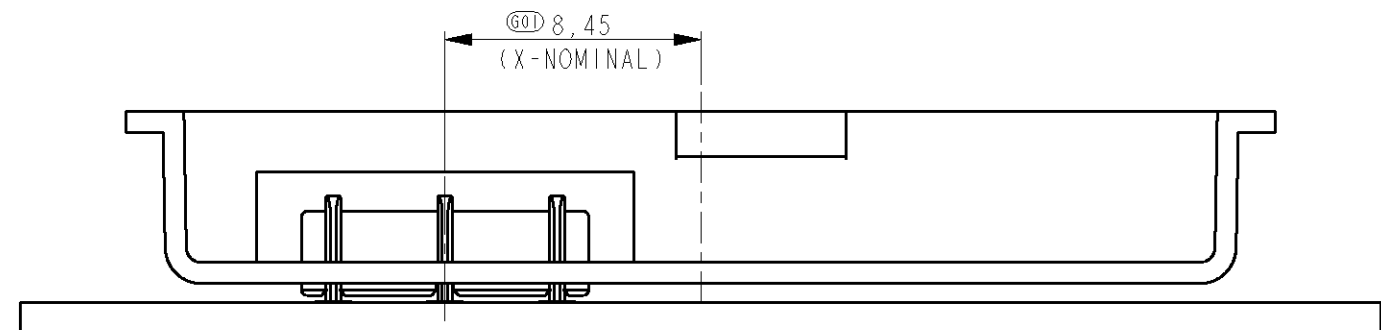
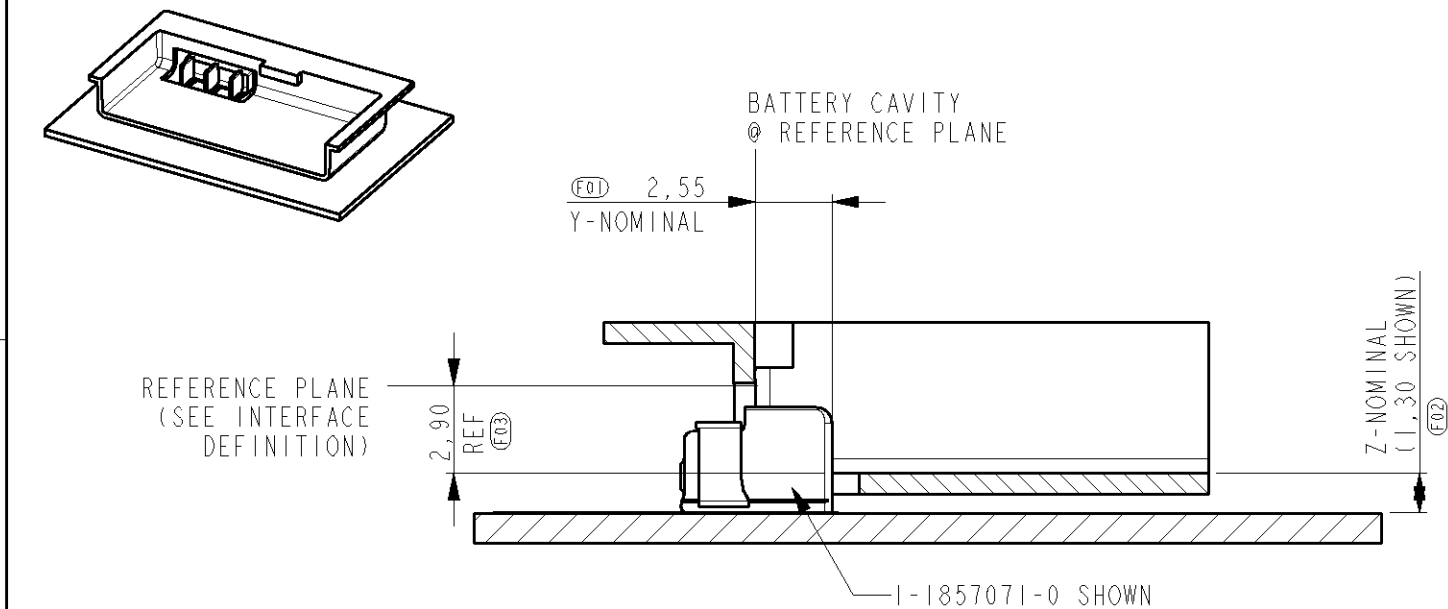
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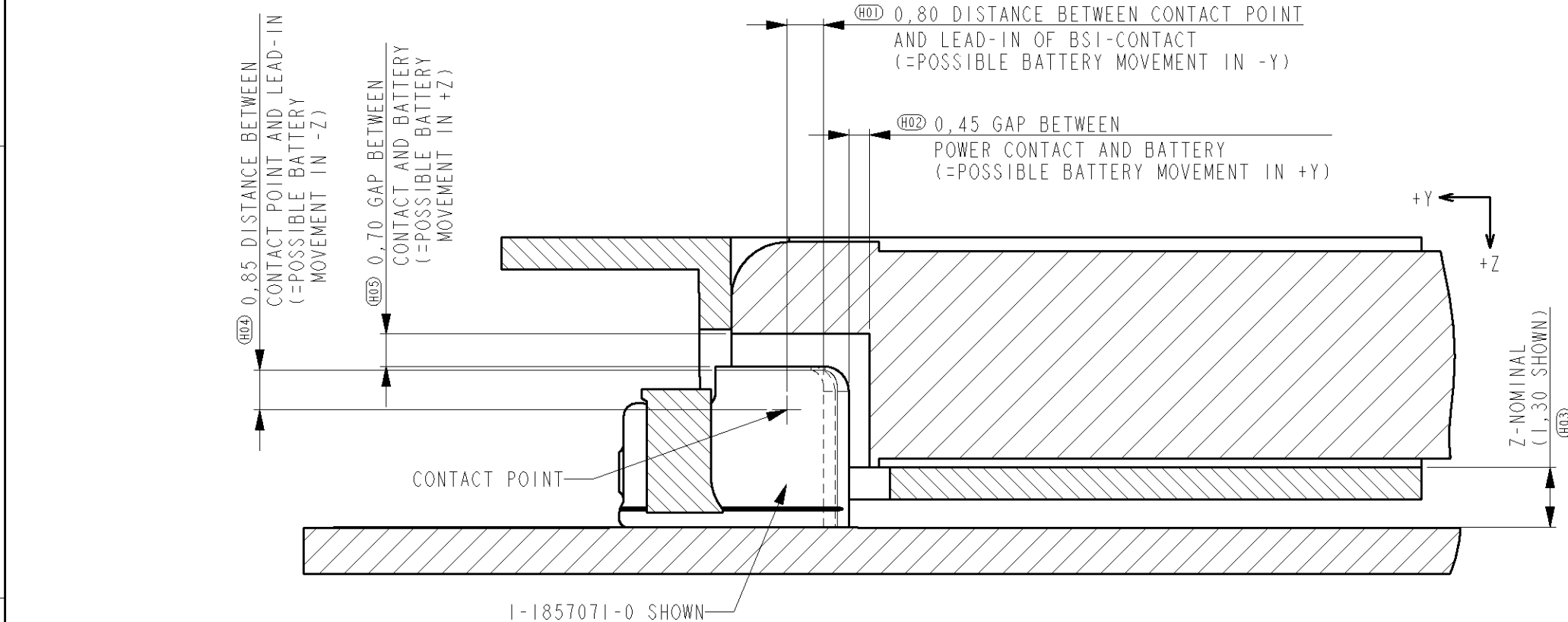
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LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	APVD
H	-	-	-	SEE SHEET 1	-	-



CONNECTOR POSITIONING



WORKING RANGE:  
(PERMITTED BATTERY MOVEMENT)

IN X-DIRECTION  $\pm 0,50$  SYMMETRICAL

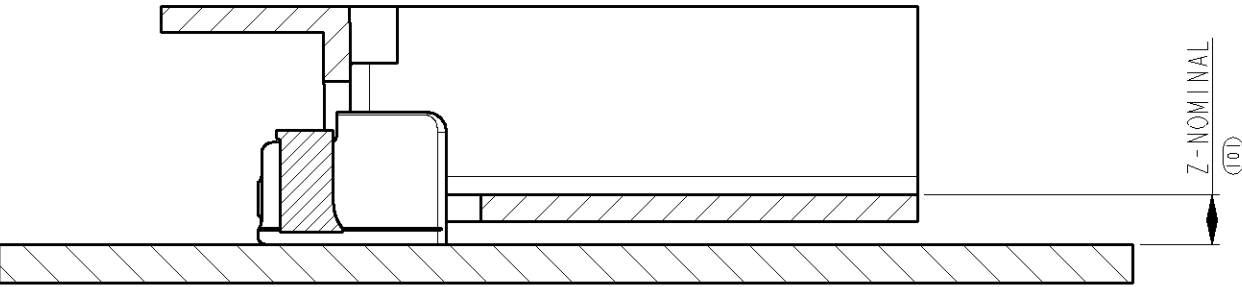
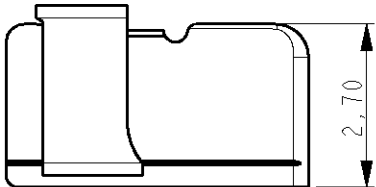
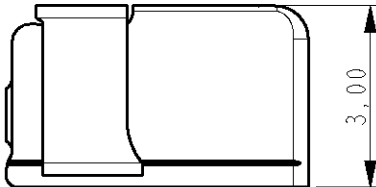
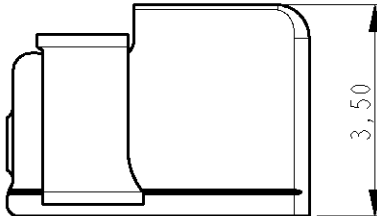
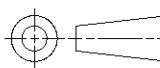


IN Y-DIRECTION 1,25 TOTAL  
IN -Y-DIRECTION 0,80  
(BATTERY LENGTH TOLERANCE, PHONE CASE TOLERANCE, ASSEMBLY TOLERANCE, PHONE FLEXIBILITY))  
IN +Y-DIRECTION 0,45  
(ASSEMBLY TOLERANCE, PHONE FLEXIBILITY)

IN Z-DIRECTION 1,55 TOTAL  
IN -Z-DIRECTION 0,85  
(BATTERY FRONT TOLERANCE, PHONE CASE TOLERANCE, PHONE FLEXIBILITY)  
IN +Z-DIRECTION 0,70  
(PHONE CASE TOLERANCE, PHONE FLEXIBILITY)  
THESE VALUES APPLY IF Z-NOMINAL IS IN THE CENTER OF THE RANGE SPECIFIED FOR THE PLUG (AS SHOWN HERE).

WORKING RANGE

SCALE 8:1

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		CHK J. Tuin 15 APR 2005			
		APVD D. Halberstadt 15 APR 2005	NAME PLUG CONNECTOR LOW, 3 POSITION BATTERY BLOCK		
DIMENSIONS: mm		PRODUCT SPEC 108-19276	SIZE A3		
		APPLICATION SPEC 114-19088	CAGE CODE 00779		
MATERIAL -		WEIGHT -	DRAWING NO C=1857071		
		CUSTOMER DRAWING	RESTRICTED TO -		
			SCALE 10:1		
			SHEET 2 OF 5		
			REV G		

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<table><thead><tr><th>NMP CODE</th><th>PART NUMBER</th><th>Z-NOMINAL RANGE</th><th>DIMENSION "A"</th><th>MASS [mg]</th></tr></thead><tbody><tr><td>5469657</td><td>0-1857071-1</td><td>=&gt;0 (0,0 - 0,6)</td><td>2,70</td><td>209</td></tr><tr><td>5469655</td><td>0-1857071-5</td><td>&gt;0,5 (0,6 - 1,0)</td><td>3,00</td><td>220</td></tr><tr><td>5469653</td><td>1-1857071-0</td><td>&gt;1,0 (1,1 - 1,5)</td><td>3,50</td><td>238</td></tr><tr><td>⚠</td><td>(1-1705771-5)</td><td>&gt;1,5 (1,6 - 2,0)</td><td>(4,00)</td><td></td></tr><tr><td>⚠</td><td>(2-1705771-0)</td><td>&gt;2,0 (2,1 - 2,5)</td><td>(4,50)</td><td></td></tr><tr><td>⚠</td><td>(2-1705771-5)</td><td>&gt;2,5 (2,6 - 3,0)</td><td>(5,00)</td><td></td></tr><tr><td>⚠</td><td>(3-1705771-0)</td><td>&gt;3,0 (3,1 - 3,5)</td><td>(5,50)</td><td></td></tr><tr><td>⚠</td><td>(3-1705771-5)</td><td>&gt;3,5 (3,6 - 4,0)</td><td>(6,00)</td><td></td></tr><tr><td>⚠</td><td>(4-1705771-0)</td><td>&gt;4,0 (4,1 - 4,5)</td><td>(6,50)</td><td></td></tr></tbody></table>				NMP CODE	PART NUMBER	Z-NOMINAL RANGE	DIMENSION "A"	MASS [mg]	5469657	0-1857071-1	=>0 (0,0 - 0,6)	2,70	209	5469655	0-1857071-5	>0,5 (0,6 - 1,0)	3,00	220	5469653	1-1857071-0	>1,0 (1,1 - 1,5)	3,50	238	⚠	(1-1705771-5)	>1,5 (1,6 - 2,0)	(4,00)		⚠	(2-1705771-0)	>2,0 (2,1 - 2,5)	(4,50)		⚠	(2-1705771-5)	>2,5 (2,6 - 3,0)	(5,00)		⚠	(3-1705771-0)	>3,0 (3,1 - 3,5)	(5,50)		⚠	(3-1705771-5)	>3,5 (3,6 - 4,0)	(6,00)		⚠	(4-1705771-0)	>4,0 (4,1 - 4,5)	(6,50)		 0-1857071-1		 0-1857071-5		 1-1857071-0	
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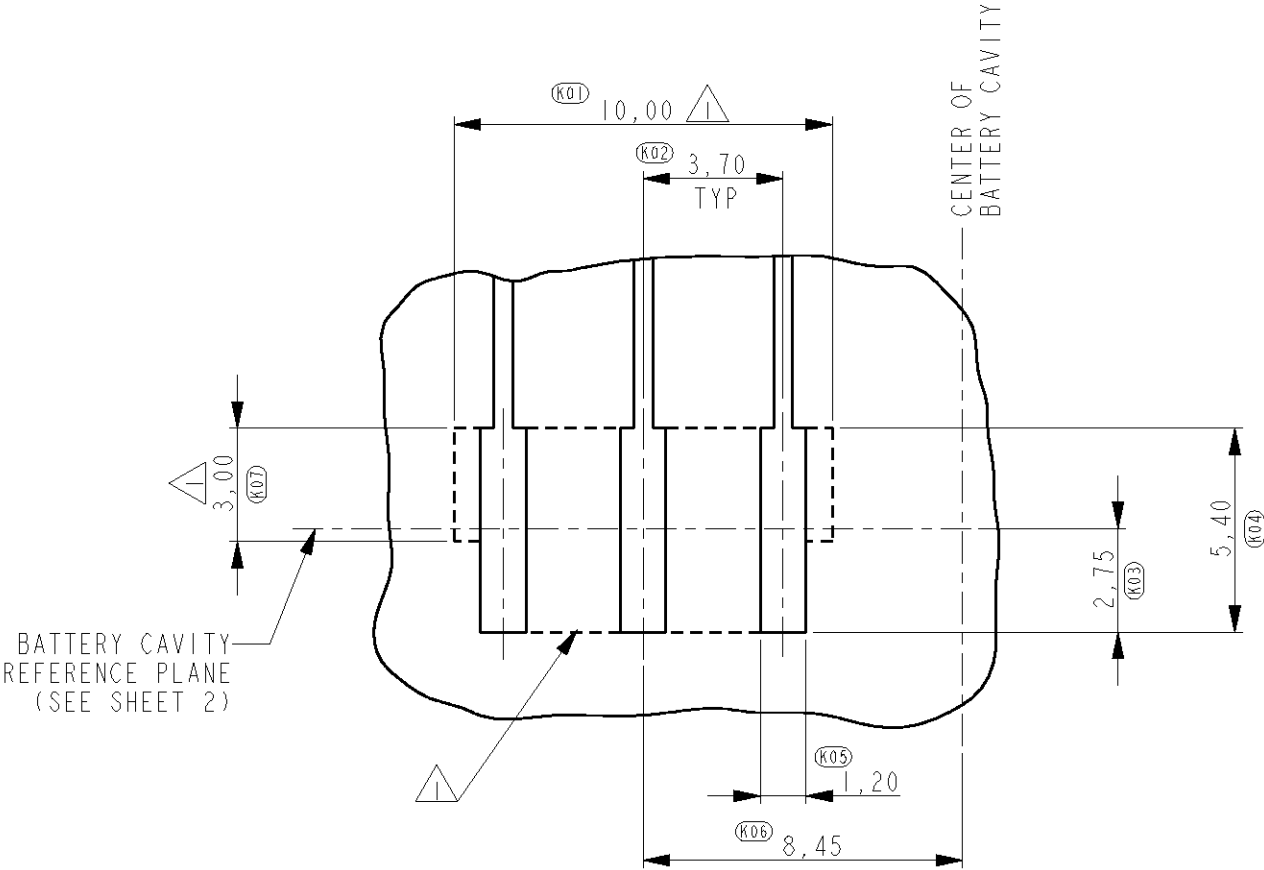
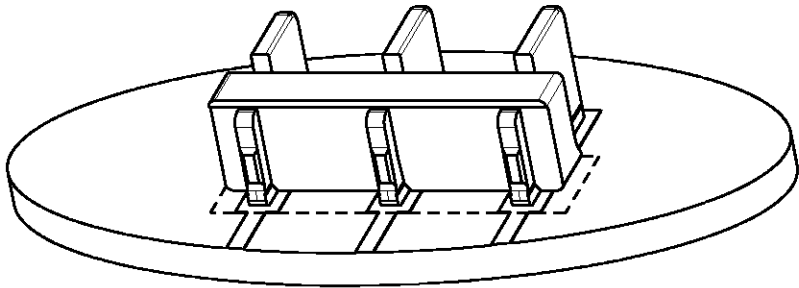
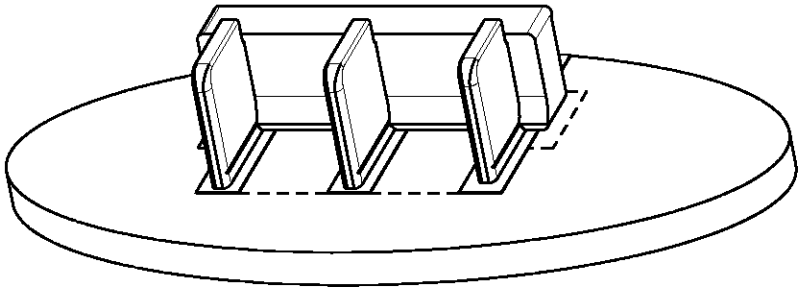
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3

2

1

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
H	-		-	SEE SHEET 1	-	-	-



NOTES:

△ AREA FREE OF SOLDER SCREEN.

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0,2 2 PLC ±0,1 3 PLC ±- 4 PLC ±- ANGLES ±- MATERIAL -		NAME PLUG CONNECTOR LOW, 3 POSITION BATTERY BLOCK	
FINISH -		PRODUCT SPEC 108-19276 APPLICATION SPEC 114-19088 WEIGHT -		SIZE A3 CAGE CODE 00779 DRAWING NO C=1857071 RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 10:1 SHEET 4 OF 5 REV G	



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