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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

17

Update with latest contact

07APR2008

SZ

JD

PRELIMINARY PART
NOT RELEASED FOR PRODUCTION

THIS PRODUCT HAS NOT COMPLETED
VALIDATION TESTING

NOTES:

1 MECHANICAL SPECIFICATIONS:
contact force: see table
durability : 3000 compression cycles

2 ELECTRICAL SPECIFICATIONS:
contact resistance : 30 mΩ
current : 100 mA, peak max. 3A
operating voltage : 6V

3 ENVIRONMENTAL SPECIFICATIONS:
operating temperature : -20°C to 70°C

4 Cavity number and Tyco Electronics logo

5 Contact solder area for reference only.

6 Dimensions used for statistical process control on 30 pieces.

CONTACT FORCE (F) vs. STROKE (mm)		
	STROKE (mm)	F (N)
MIN.	0,5	0,5 MIN
NOMINAL	0,8	0,5 - 1,5
MAX.	1,3	2,0 MAX

PART NUMBER 1982633-1

ITEM #	DESCRIPTION	MATERIAL	FINISH
2	CONTACT	copper alloy	min. 0,25µm Au (contact area) min. 0,13µm Au (solder area) over min. 2,0µm Ni
1	HOUSING	LCP, black	-

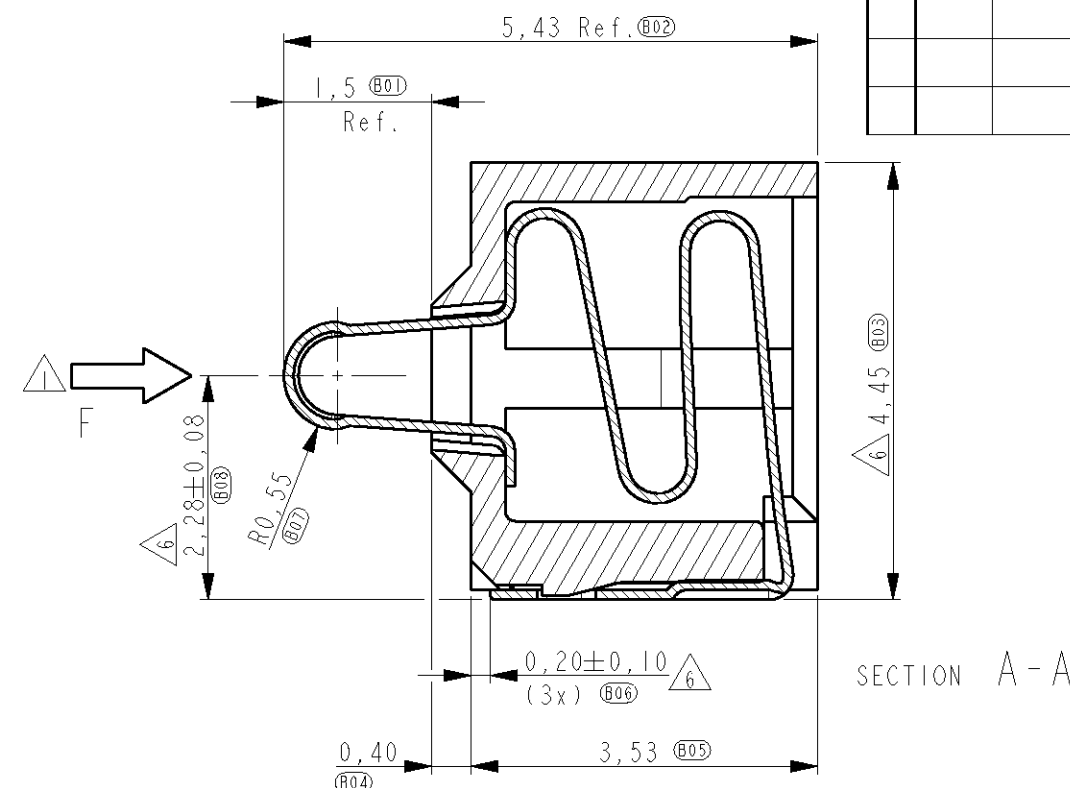
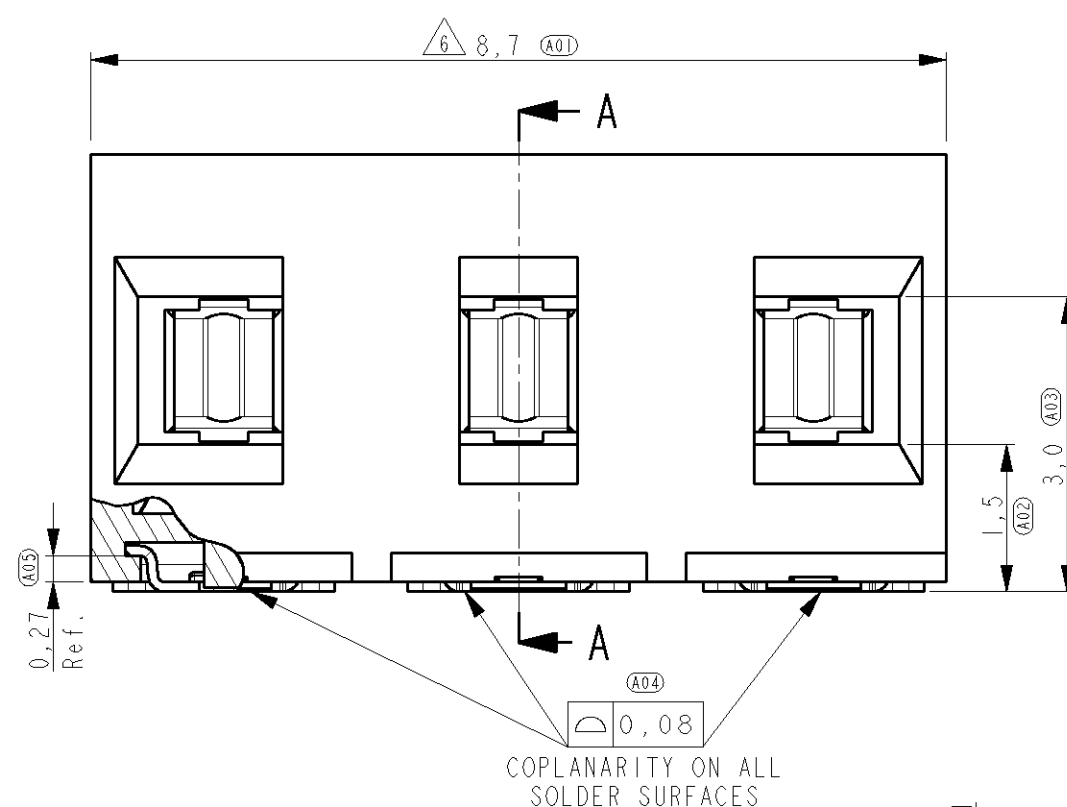
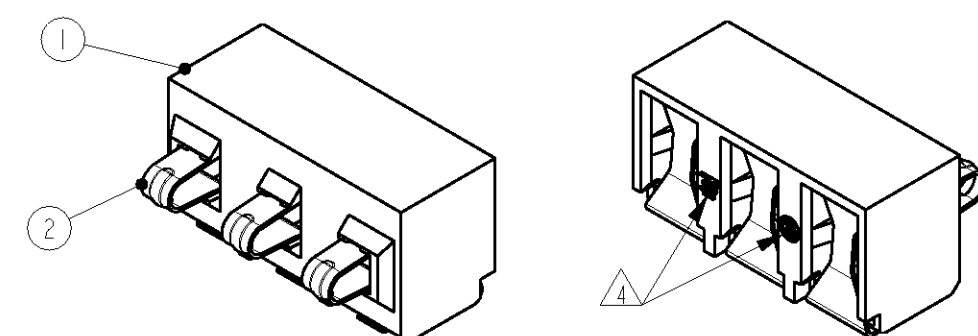
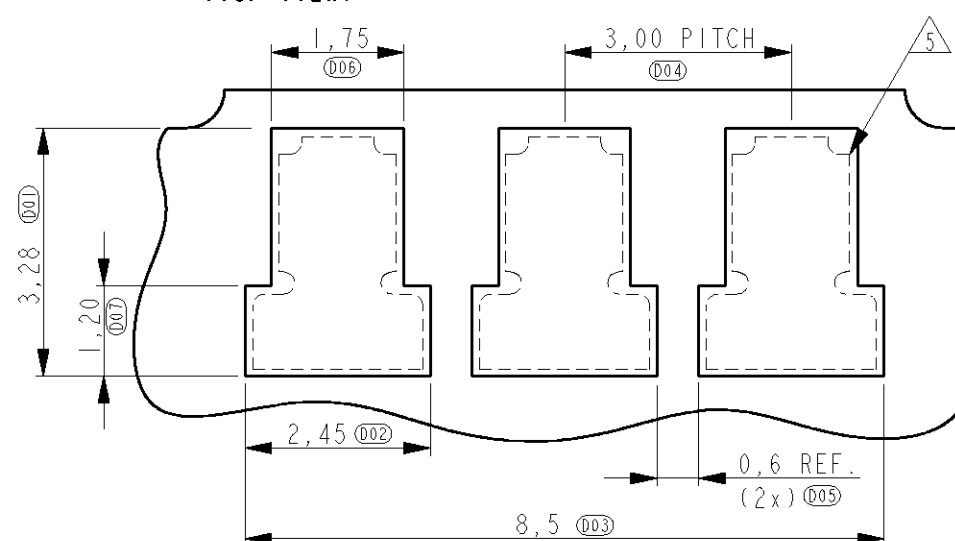
NAME Tyco Electronics Corporation
3-Hertogenbosch, Nederland

3 POSITION
BATTERY CONNECTOR

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 C=1982633

CUSTOMER DRAWING SCALE 13:1 SHEET 1 OF 2 REV 17

RECOMMENDED PWB LAYOUT
(TOP VIEW)

SCALE 5:1

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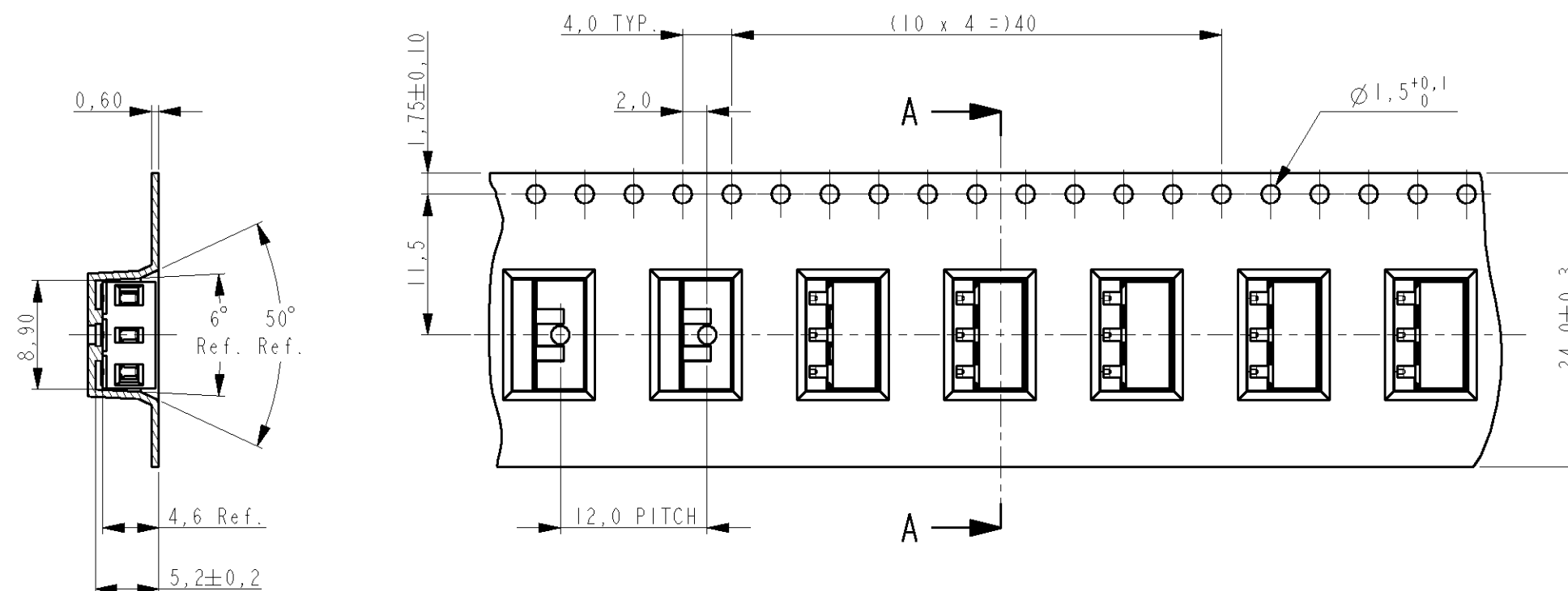
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SEE SHEET 1

-

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SECTION A-A

SECTION B-B

NOTES:

7 PACKAGING

reel size : t.b.d.

quantity per reel : t.b.d.

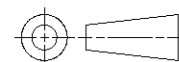
leading empty pockets : t.b.d.

trailing empty pockets : t.b.d.

**PRELIMINARY PART
NOT RELEASED FOR PRODUCTION****THIS PRODUCT HAS NOT COMPLETED
VALIDATION TESTING**THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION
IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC ±0,2
1 PLC ±0,1
2 PLC ±0,05
3 PLC ±0,025
4 PLC ±0,005
ANGLES ±2

MATERIAL see BOM

FINISH see BOM

DWN 6 JUN 2007

M. Felten

CHK 7 JUN 2007

P. Willems

APVD D. Halberstadt

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

176 mg

CUSTOMER DRAWING



Tyco Electronics Corporation

's-Hertogenbosch, Nederland

NAME

3 POSITION
BATTERY CONNECTOR

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

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SCALE 13:1

SHEET 2 OF 2

REV 17