

10 9 8 7 6 5 4 3 2 1

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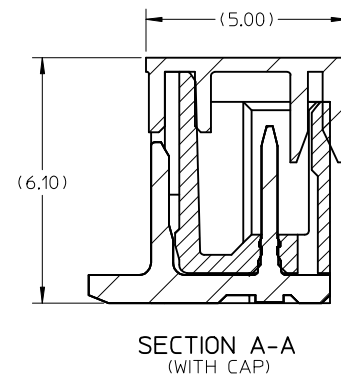
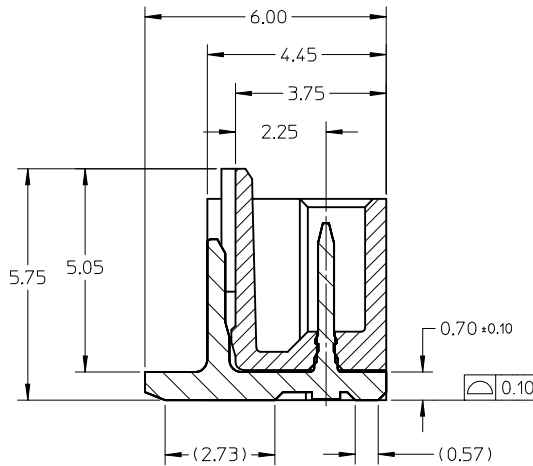
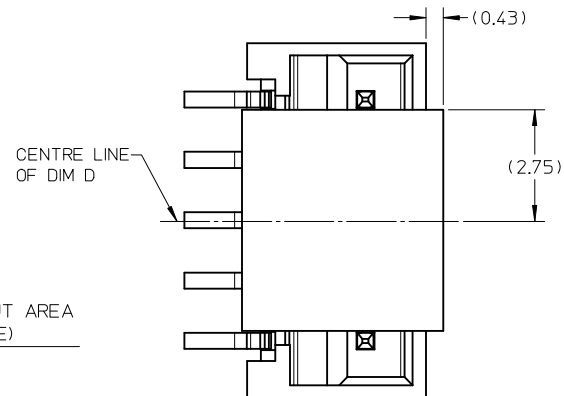
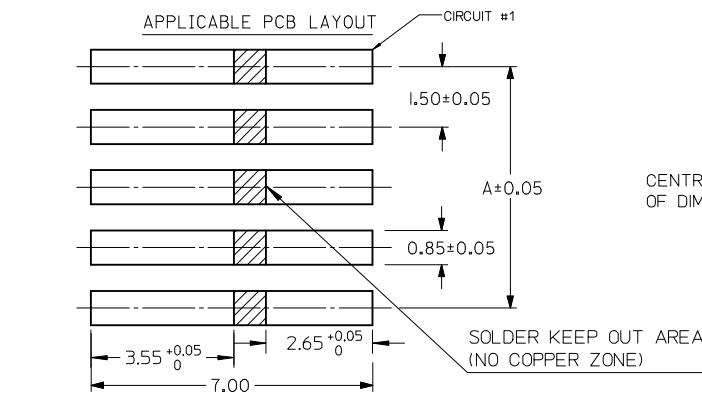
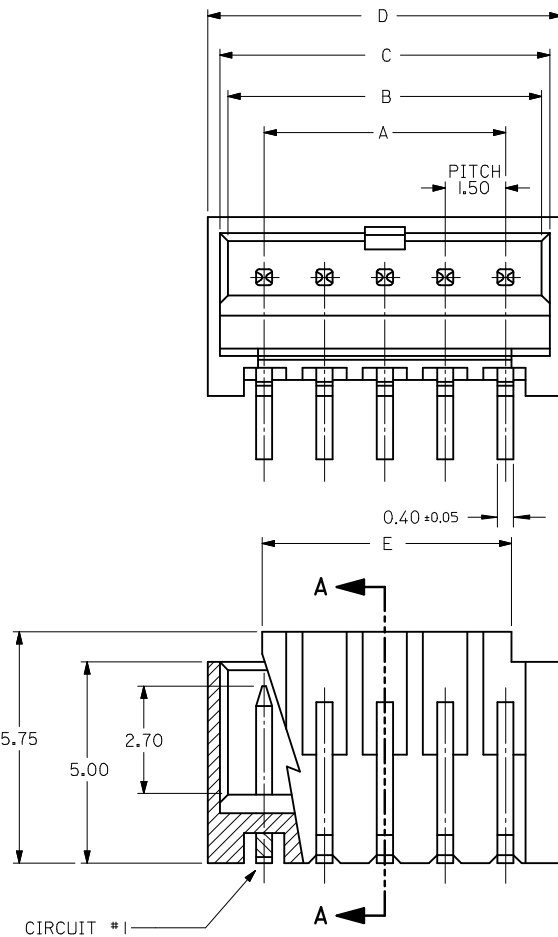
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NOTES:

1. MATERIAL:

HOUSING: NYLON, GLASS FILLED, UL94 V-0,

COLOR - SEE TABLE.

CAP: NYLON, GLASS FILLED, UL94V-0

COLOR: BEIGE.

PINS: BRASS ALLOY, C26000, P/N87437-8083.

2. PLATING: 2.54µM, MIN. TIN OVER 1.27µM MIN. NICKEL.

3. DRAWING SHOWS PLUG WITH 5 CIRCUITS.

4. HEADER TO BE USED WITH CRIMP HOUSING, P/N 87439 AND CRIMP TERMINAL, P/N 87421.

5. PARTS TO BE PACKED IN MOISTURE BAG.

6. THIS DRAWING IS RE-DRAWING OF SD-87437-**-31.

SECTION A-A (WITHOUT CAP)

SECTION A-A (WITH CAP)

REVISED EC NO: J2014-0799 DRAWN:RHO1 CHK'D:KASAKAWA APPR:NUKITA	2013/11/06 2013/11/07 2013/11/08 2013/11/07	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
			10 UNDER	± 0.20	TYAJIMA01	2013/09/19	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT						
			10 OVER 30 UNDER	± 0.20	CHECKED BY KASAKAWA	2013/09/20							
			30 OVER	± 0.20	APPROVED BY NUKITA	2013/09/25	molex						
			ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					SD-87437-001		1 OF 4	
			REV		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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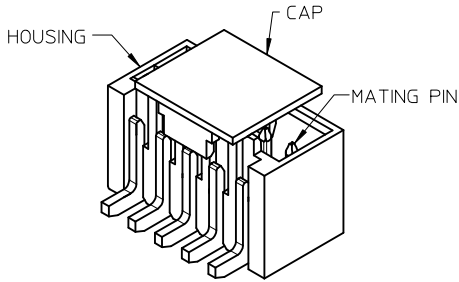
5

4

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2

F



PART NUMBER ASSIGNMENT

87437-XXXX

- 2- TUBE PACKAGING

3- TAPE AND REEL PACKAGING

4- BEIGE COLOR HSG

5- BLACK COLOR HSG

6- BLACK COLOR HSG

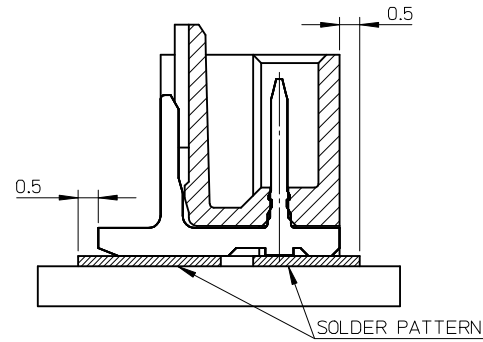
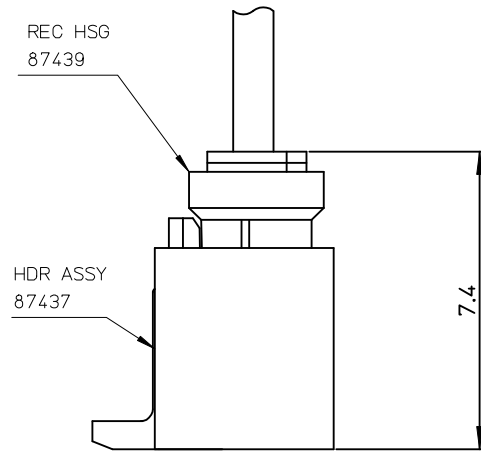
7- BEIGE COLOR HSG

02 TO 15 CIRCUIT SIZE
- WITHOUT CAP
- WITH CAP

CIRCUIT SIZE	A	B	C	D	E
02	1.50	3.30	3.70	4.30	1.70
03	3.00	4.80	5.20	5.80	3.20
04	4.50	6.30	6.70	7.30	4.70
05	6.00	7.80	8.20	8.80	6.20
06	7.50	9.30	9.70	10.30	7.70
07	9.00	10.80	11.20	11.80	9.20
08	10.50	12.30	12.70	13.30	10.70
09	12.00	13.80	14.20	14.80	12.20
10	13.50	15.30	15.70	16.30	13.70
11	15.00	16.80	17.20	17.80	15.20
12	16.50	18.30	18.70	19.30	16.70
13	18.00	19.80	20.20	20.80	18.20
14	19.50	21.30	21.70	22.30	19.70
15	21.00	22.80	23.20	23.80	21.20

E

D



嵌合状態図
MATED CONNECTORS

MOUNTING POSITION OF THE CONNECTOR

B

A

REVISED EC NO: J2014-0799 DRAWN: HORI CHKD: KASAKAWA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER ±0.20		DRAWN BY DATE TYAJIMA01 2013/09/19		TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT				
		10 OVER 30 UNDER ±0.20		CHECKED BY DATE KASAKAWA 2013/09/20						
		30 OVER ±0.20		APPROVED BY DATE NUKITA 2013/09/25						
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE TABLE		SD-87437-001		2 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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1

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITHOUT CAP

$\phi 1.50^{+0.10}_0$ TYP
(PILOT HOLE)

4.00 ± 0.10

F

P

12.00 ± 0.10

CENTER OF 6.70 REF DIMENSION

1.75 ± 0.10

$W \pm 0.30$

PIN #1

1.75 ± 0.10

R(0.75)

0.20 ± 0.05

DETAIL A
(ELONGATED HOLE)

SPROCKET HOLES FOR BOTH SIDES ONLY
EXIST FOR DIM. W OF 32mm. & 44mm.

CUSTOMER
PULL OUT DIRECTION

REEL

G^{+2}_0

LOT LABEL

2.00 ± 0.50

TAPE UNREELING DIRECTION

30°

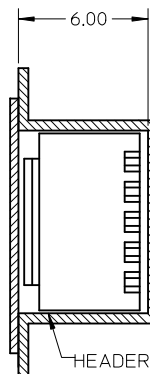
REEL DETAILS

$\phi 330$
MAX.

N

$\phi 13.00 \pm 0.50$

$\phi 1.00 \pm 0.80$



HEADER P/N:
87437-**41 (BEIGE)
OR 87437-**51 (BLACK)

REVISED	EC NO: J2014-0799	2013/11/06	2013/11/07	2013/11/07	2013/11/07	2013/11/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION				
								10 UNDER	±0.20	TYAJIMA01	2013/09/19	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT							
								10 OVER 30 UNDER	±0.20	CHECKED BY KASAKAWA	2013/09/20								
								30 OVER	±0.20	APPROVED BY NUKITA	2013/09/25	molex							
								ANGULAR ±3 °		MATERIAL NO.							DOCUMENT NO.		SHEET NO.
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE							SD-87437-001		3 OF 4
								REV							SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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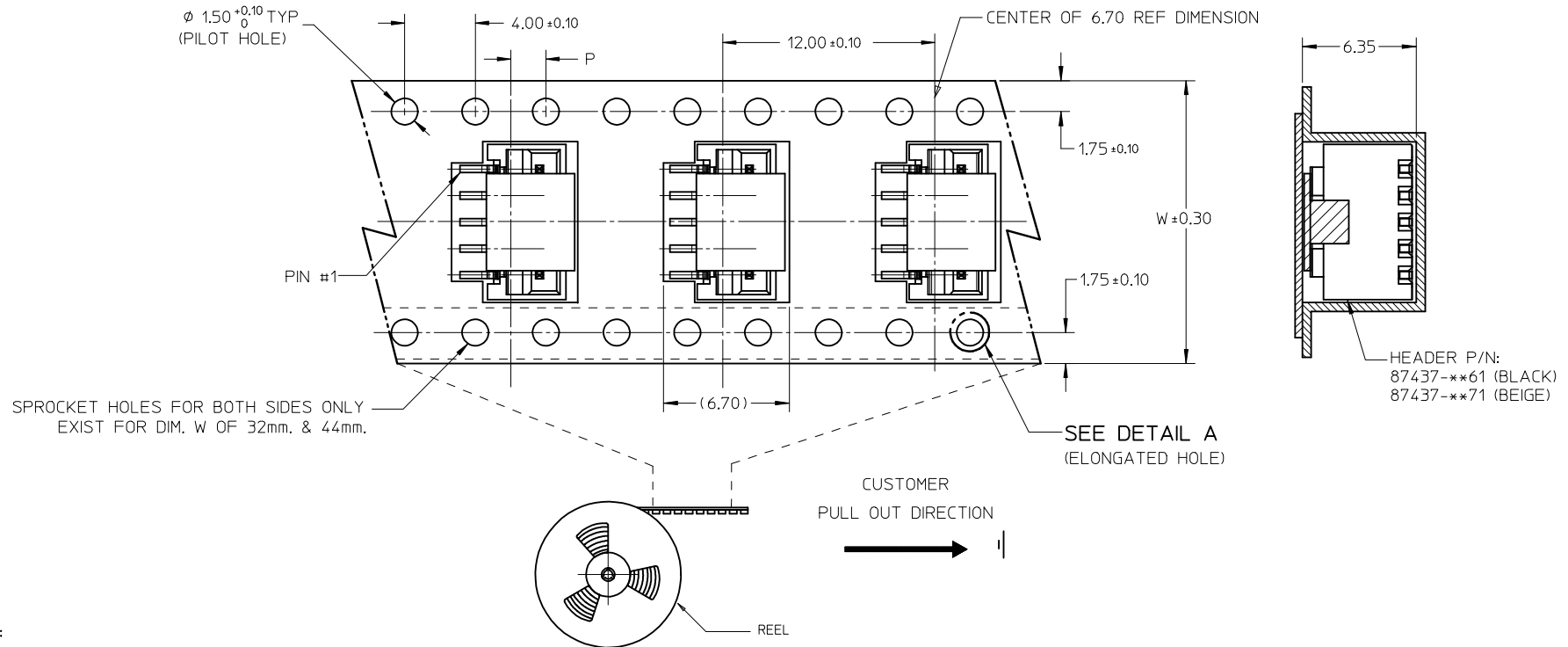
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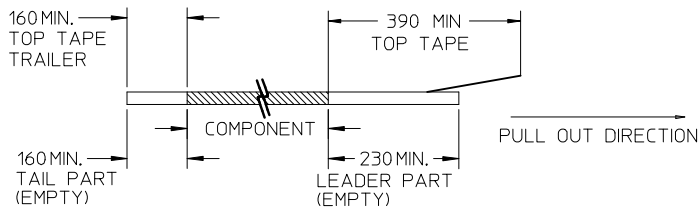
A

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITH CAP

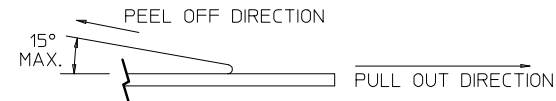


NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. THE TAPE IS TREATED FOR ANTI-STATIC.

4. PACKAGING STANDARD IS AS PER EIA-481.

5. TAPE & REEL QUANTITY = 1000PCS/REEL (WITHOUT CAP) TAPE & REEL QUANTITY = 900PCS/REEL (WITH CAP)

15	44	20.20 $\pm$ 0.15	100	44.40	50.40	2.00 $\pm$ 0.15
11, 12, 13, 14	32	14.20 $\pm$ 0.10	100	32.40	38.40	2.00 $\pm$ 0.10
7, 8, 9, 10	24	11.50 $\pm$ 0.10	100	24.40	30.40	2.00 $\pm$ 0.10
2, 3, 4, 5, 6	16	7.50 $\pm$ 0.10	100	16.40	22.40	2.00 $\pm$ 0.10
CIRCUIT SIZE	W	F	N	G	T MAX	P

REVISED	EC NO: J2014-0799	DRAWNR:HORI 2013/11/06	CHKD:KASAKAWA 2013/11/07	APPR:NUKITA 2013/11/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
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						10 OVER 30 UNDER	± 0.20	CHECKED BY KASAKAWA	DATE 2013/09/20					
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