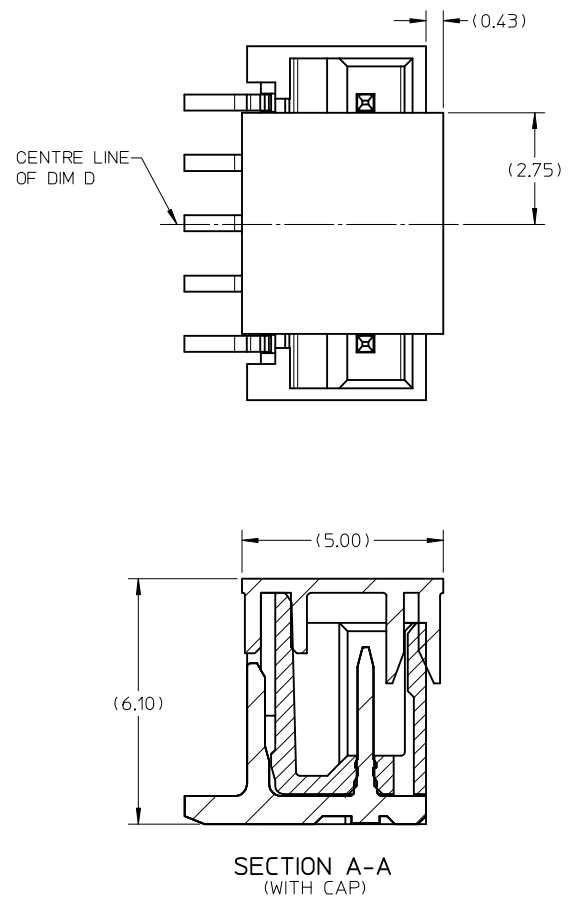
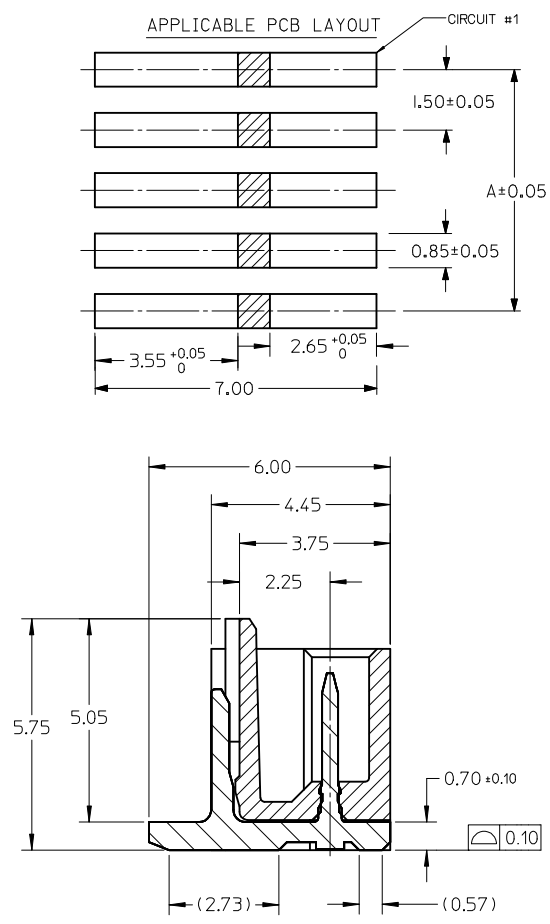
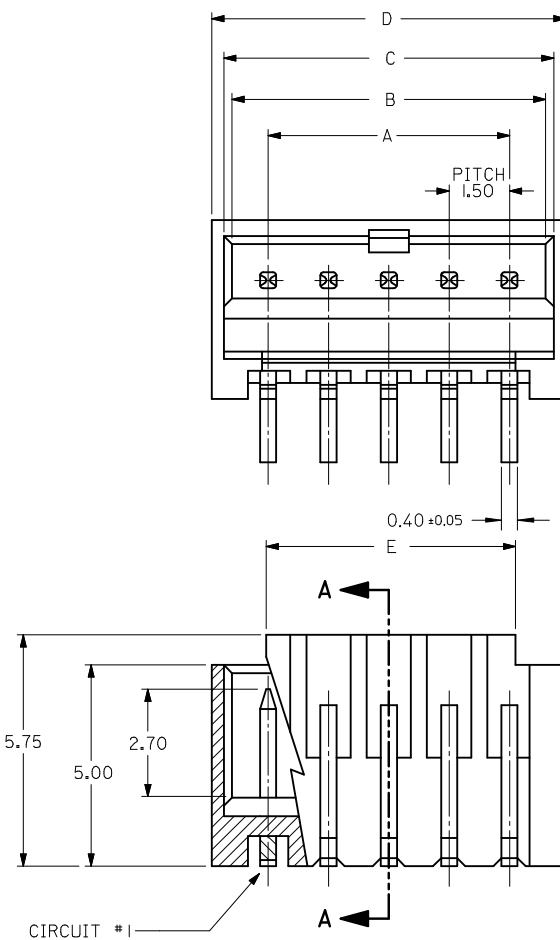


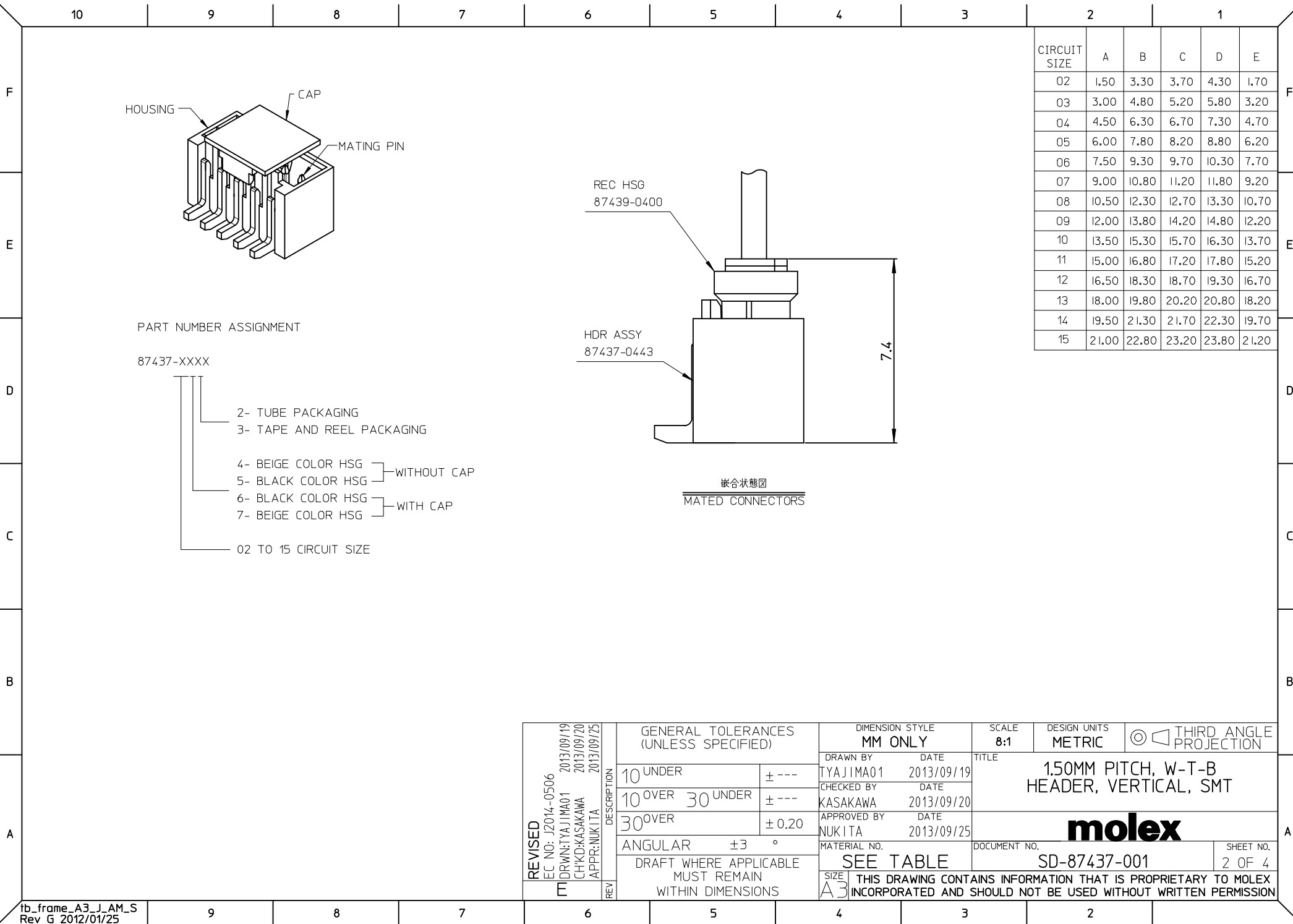
10 9 8 7 6 5 4 3 2 1



- 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.

REVISED EC NO: J2014-0506 DRWN: TYAJIMA01 2013/09/19 CHKD: KASAKAWA 2013/09/20 APPR: NUKITA 2013/09/25	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± ---	DRAWN BY TYAJIMA01	DATE 2013/09/19	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT					
		10 OVER 30 UNDER	± ---	CHECKED BY KASAKAWA	DATE 2013/09/20						
		30 OVER	± 0.20	APPROVED BY NUKITA	DATE 2013/09/25	molex					
		ANGULAR ±3 °		MATERIAL NO.							DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87437-001					1 OF 4	
	REV			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

9 8 7 6 5 4 3 2



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

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

REC HSG
87439-0400

HDR ASSY
87437-0443

7.4

嵌合状態図
MATED CONNECTORS

REVISED	EC NO: J2014-0506 DRWN:TYAJIMA01 CHKD-KASAKAWA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		8:1	METRIC		
			10 UNDER	± ---	DRAWN BY	DATE	TITLE		1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT	
			10 OVER 30 UNDER	± ---	CHECKED BY	DATE				
			30 OVER	± 0.20	APPROVED BY	DATE	molex			
	ANGULAR ±3 °		NUKITA	2013/09/25						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				SEE TABLE		SD-87437-001		2 OF 4		
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10

9

8

7

6

5

4

3

2

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°

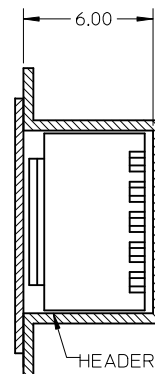
REEL DETAILS

$\phi 330$
MAX.

N

$\phi 13.00 \pm 0.50$

$\phi 21.00 \pm 0.80$



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

REVISED	EC NO: J2014-0506		2013/09/19		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	DRWN: TYAJIMA01		2013/09/20		10 UNDER	± ---	DRAWN BY	DATE	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT		
	CHKD: KASAKAWA		2013/09/20		10 OVER 30 UNDER	± ---	CHECKED BY	DATE			
	APPR: NUKITA		2013/09/25		30 OVER	± 0.20	APPROVED BY	DATE			
	ANGULAR		± 3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
REV	DESCRIPTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
							SD-87437-001 3 OF 4				

9

8

7

6

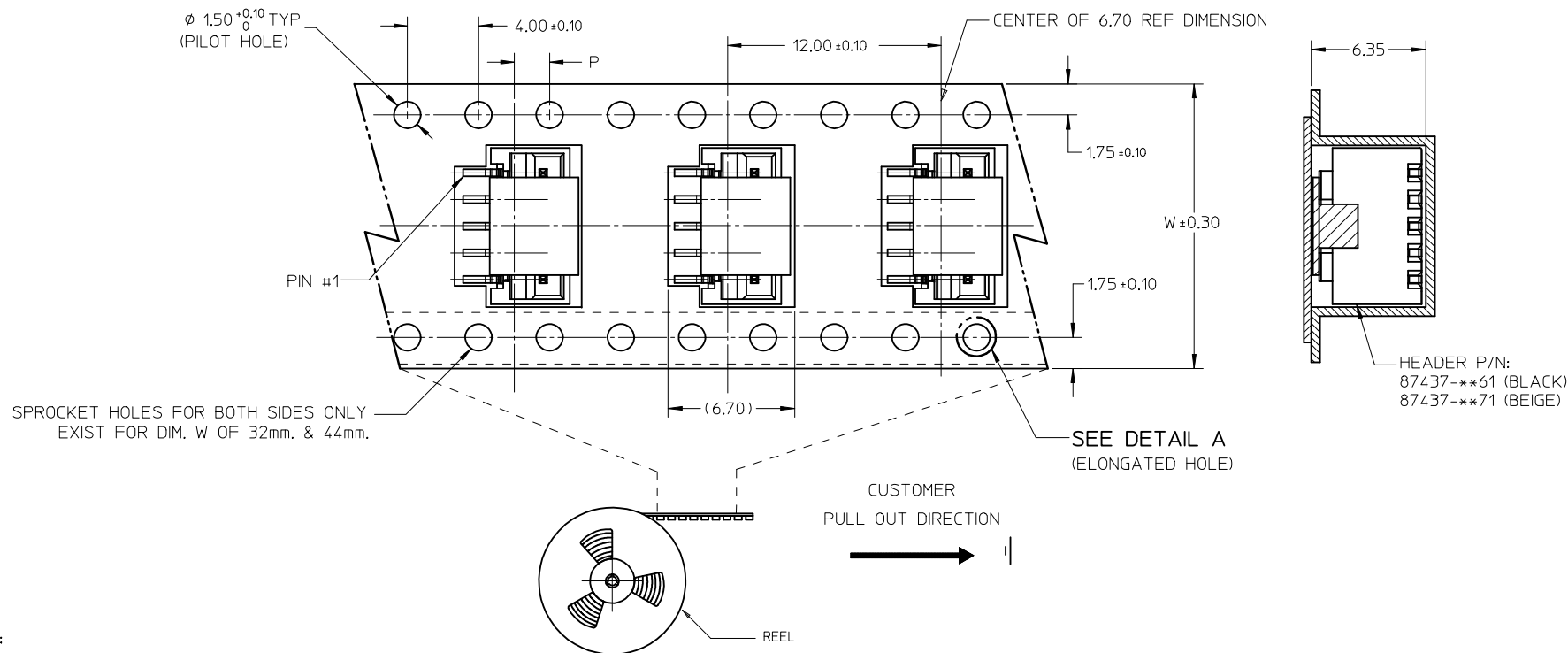
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4

3

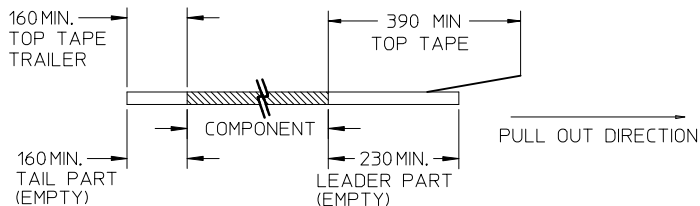
2

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITH CAP

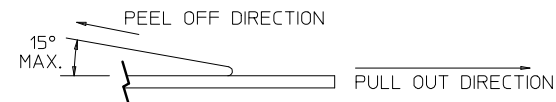


NOTES:

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: J2014-0506 DRWN:TYAJIMA01 CHKD:KASAKAWA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			10 UNDER	± ---	DRAWN BY TYAJIMA01	DATE 2013/09/19	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT			
			10 OVER 30 UNDER	± ---	CHECKED BY KASAKAWA	DATE 2013/09/20				
			30 OVER	± 0.20	APPROVED BY NUKITA	DATE 2013/09/25				
			ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87437-001			4 OF 4
REV			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							