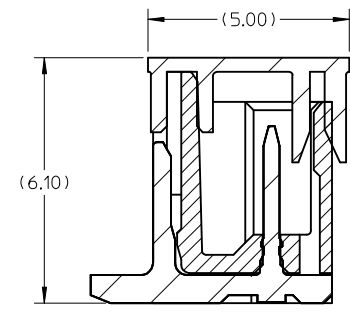
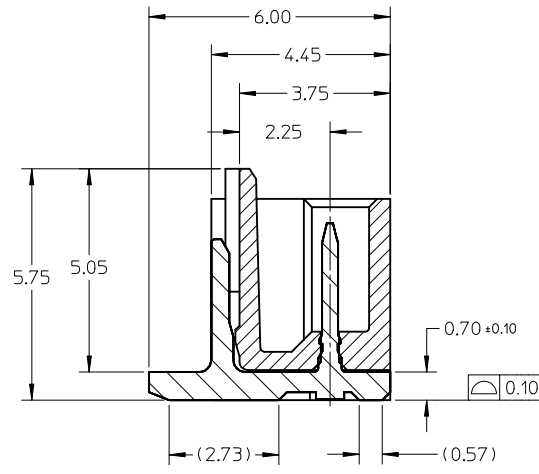
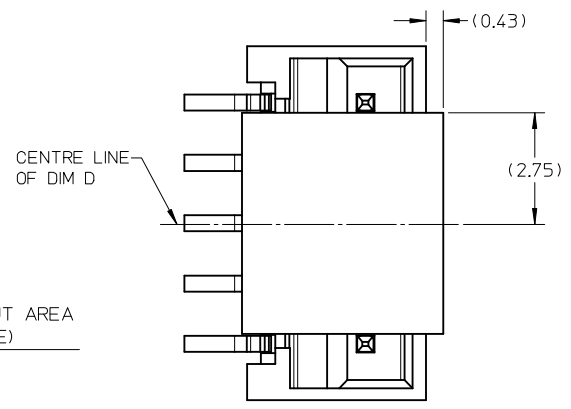
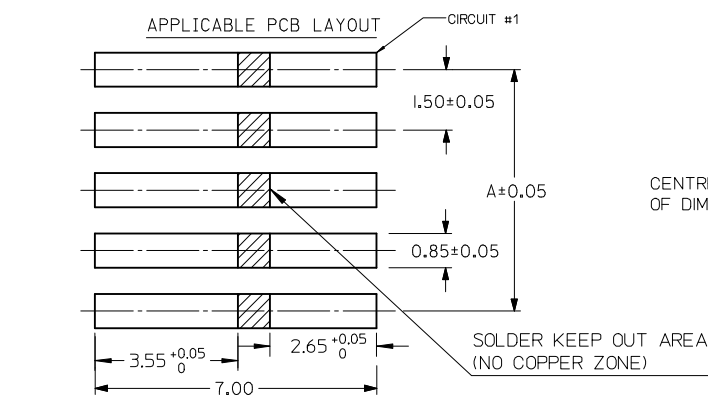
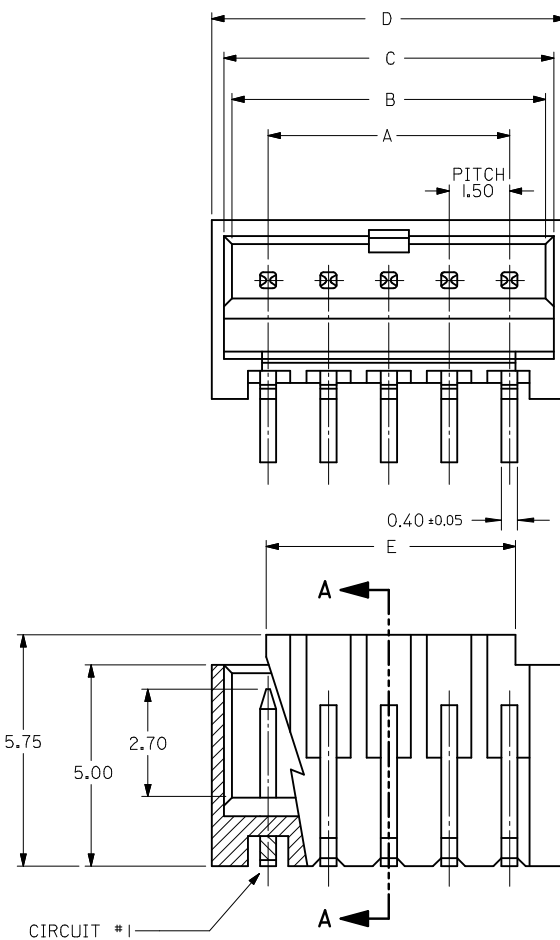


10 9 8 7 6 5 4 3 2 1



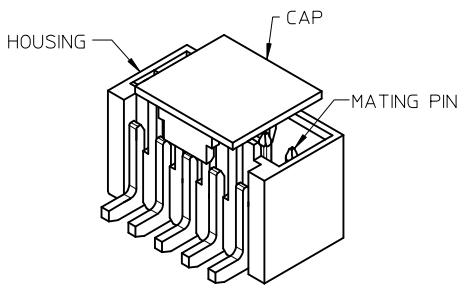
SECTION A-A
(WITH CAP)

- 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: J2014-0799 DRWN:RHORI CHKD:KASAKAWA APPR:NUKITA	2013/11/06 2013/11/07 2013/11/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
					MM ONLY		8:1	METRIC		
			10 UNDER	± 0.20	TYAJIMA01	DATE 2013/09/19	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT			
			10 OVER 30 UNDER	± 0.20	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		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

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

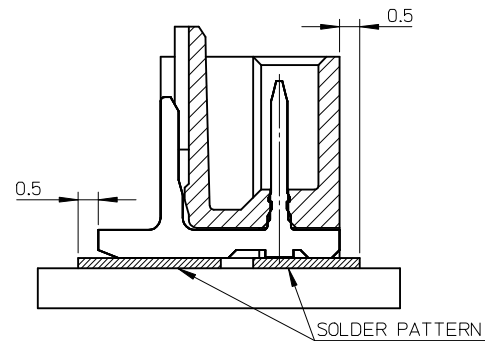
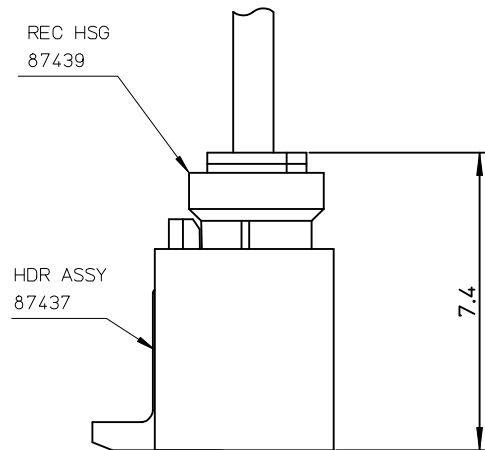
F

E

E

D

D



嵌合状態図
MATED CONNECTORS

MOUNTING POSITION OF THE CONNECTOR

C

C

B

B

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 TYAJIMA01	DATE 2013/09/19	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT				
		10 OVER 30 UNDER	± 0.20	CHECKED BY KASAKAWA	DATE 2013/09/20					
		30 OVER	± 0.20	APPROVED BY NUKITA	DATE 2013/09/25	molex				
		ANGULAR ±3 °		MATERIAL NO.						
	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						

A

A

10

9

8

7

6

5

4

3

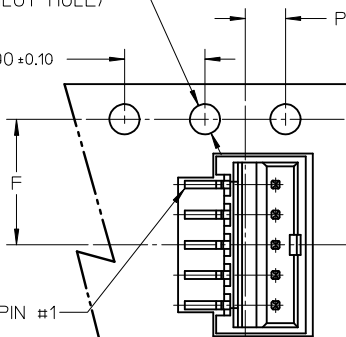
2

1

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITHOUT CAP

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

4.00 ± 0.10



P

12.00 ± 0.10

CENTER OF 6.70 REF DIMENSION

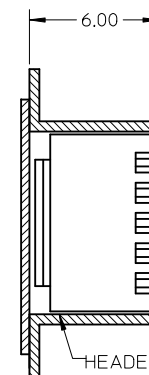
1.75 ± 0.10

$W \pm 0.30$

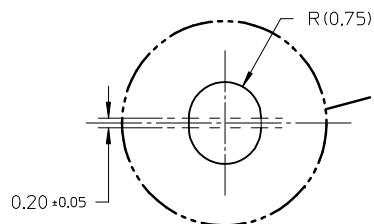
PIN #1

1.75 ± 0.10

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

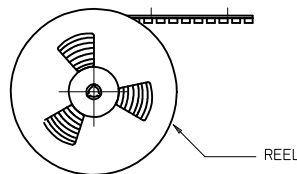


HEADER P/N:
87437-**41 (BEIGE)
OR 87437-**51 (BLACK)



DETAIL A
(ELONGATED HOLE)

CUSTOMER
PULL OUT DIRECTION



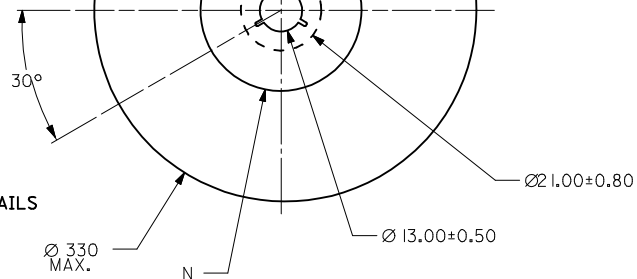
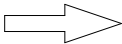
REEL



LOT LABEL

2.00 ± 0.50

TAPE UNREELING DIRECTION



REEL DETAILS

$\phi 330$
MAX.

N

$\phi 13.00 \pm 0.50$

REV	DESCRIPTION	DATE	BY
REVISED	EC NO: J2014-0799	2013/11/06	DRWN:RORI
	CHKD:KASAKAWA	2013/11/07	
	APPR:NUKITA	2013/11/08	

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	± 0.20
10 OVER 30 UNDER	± 0.20
30 OVER	± 0.20

ANGULAR $\pm 3^\circ$
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
TYAJIMA01	2013/09/19
CHECKED BY	DATE
KASAKAWA	2013/09/20
APPROVED BY	DATE
NUKITA	2013/09/25

MATERIAL NO.

SEE TABLE

SIZE
A3

SCALE
8:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

1.50MM PITCH, W-T-B
HEADER, VERTICAL, SMT

molex

DOCUMENT NO.

SD-87437-001

SHEET NO.

3 OF 4

9

8

7

6

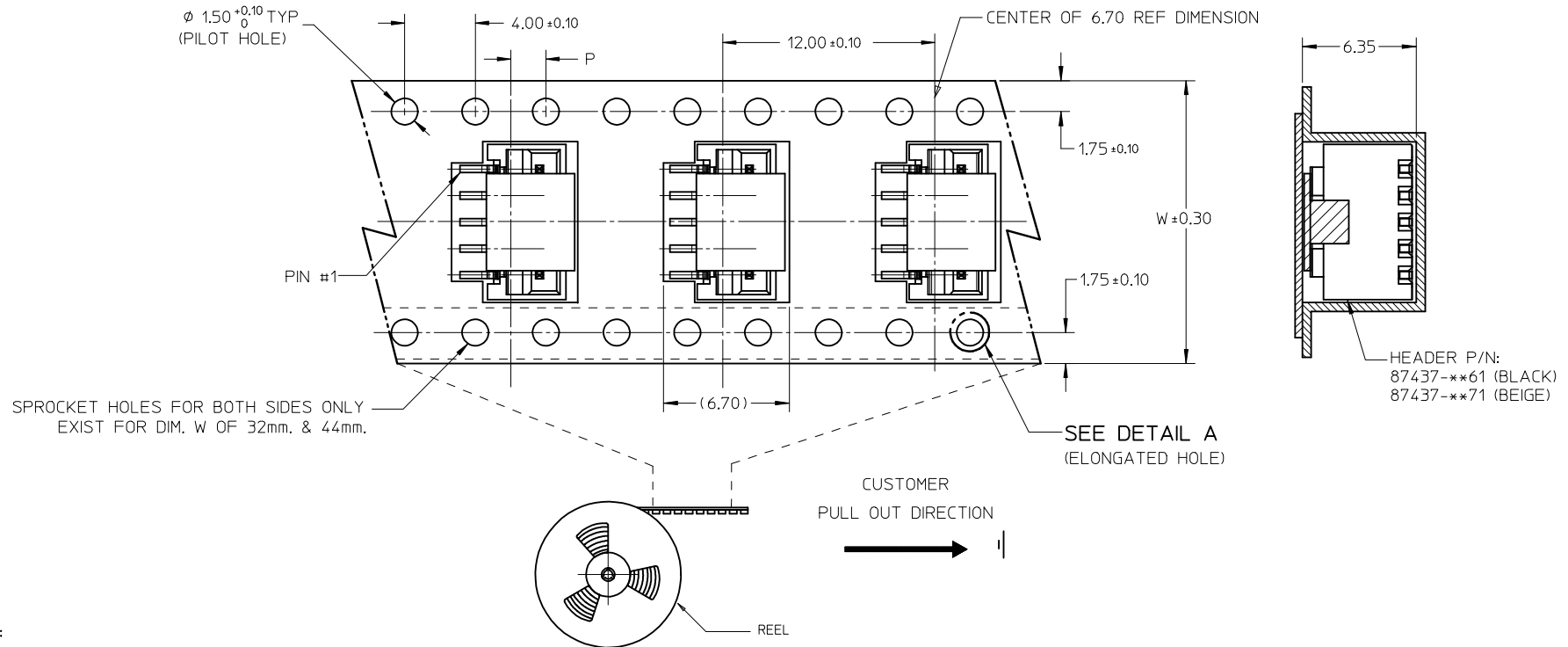
5

4

3

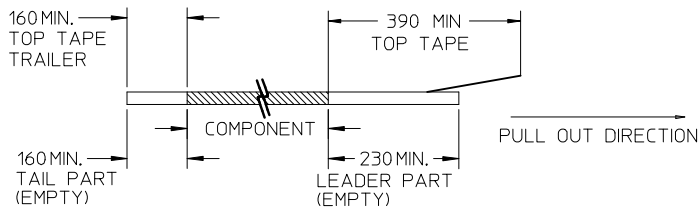
2

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITH CAP

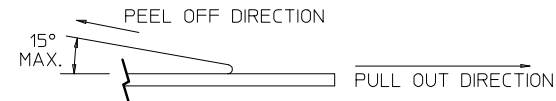


NOTES:

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

REVISED	EC NO: J2014-0799	DRAWN: 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	
						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 DATE KASAKAWA 2013/09/20							
						30 OVER ± 0.20	APPROVED BY DATE NUKITA 2013/09/25	molex						
						ANGULAR ± 3 °	MATERIAL NO.					DOCUMENT NO.		SHEET NO.
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE							
REV	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											