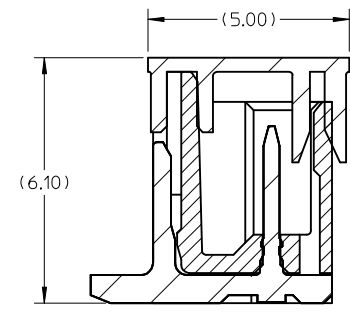
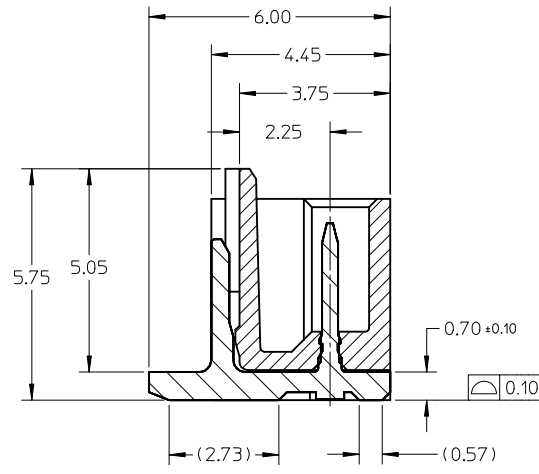
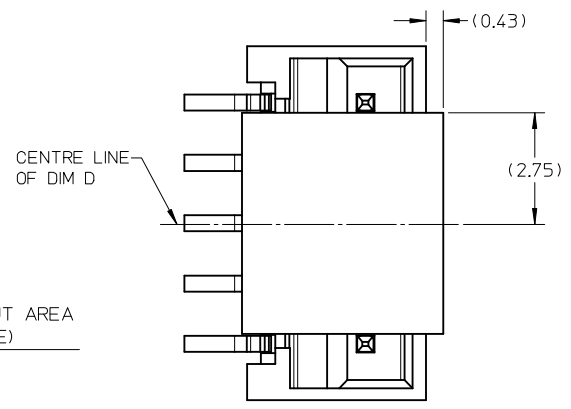
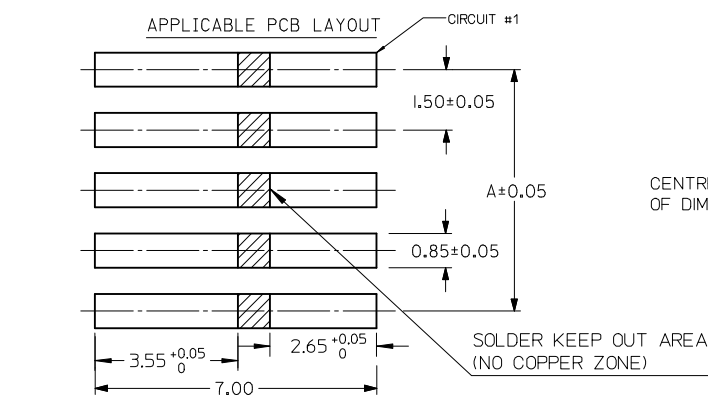
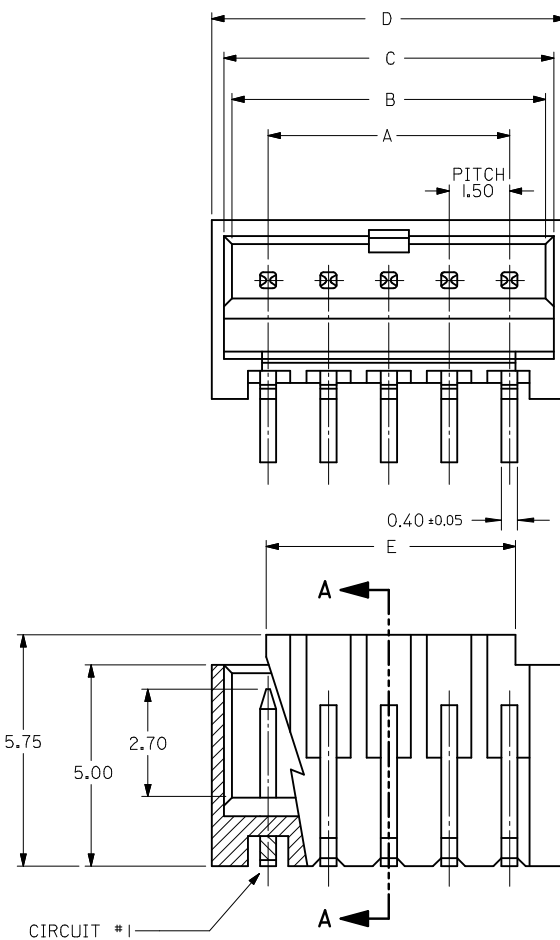


10 9 8 7 6 5 4 3 2 1



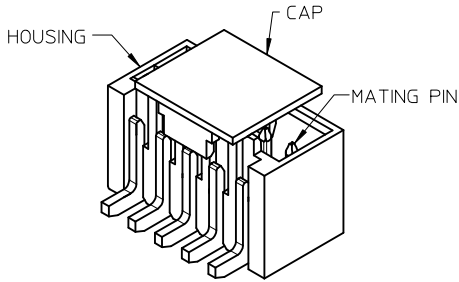
SECTION A-A
(WITH CAP)

- NOTES:
- 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.
 - PLATING: 2.54µM, MIN. TIN OVER 1.27µM MIN. NICKEL.
 - DRAWING SHOWS PLUG WITH 5 CIRCUITS.
 - HEADER TO BE USED WITH CRIMP HOUSING, P/N 87439
AND CRIMP TERMINAL, P/N 87421.
 - PARTS TO BE PACKED IN MOISTURE BAG.
 - THIS DRAWING IS RE-DRAWING OF SD-87437-**31.

REVISED	EC NO: J2014-0799	2013/11/06	DRWN:RHORI	2013/11/07	CHKD:KASAKAWA	2013/11/08	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				
									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						

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

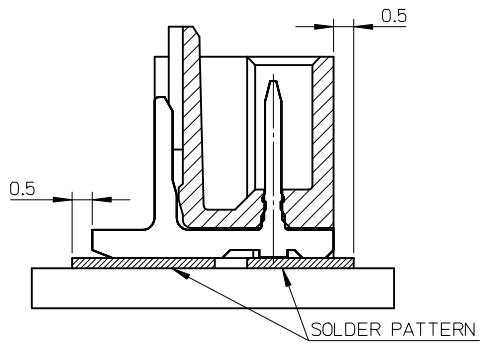
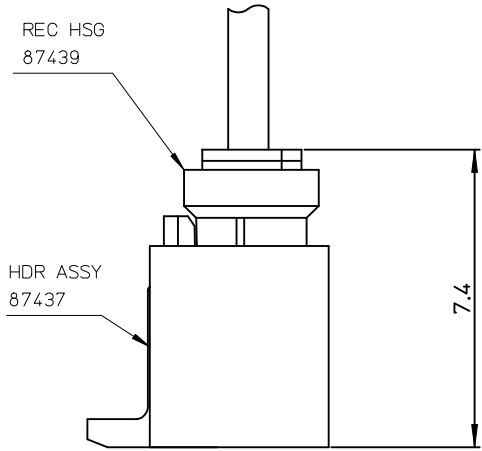
CIRCUIT SIZE	A	B	C	D	E
02	1.50	3.30	3.70	4.30	1.70
03	3.00	4.80	5.20	5.80	3.20
04	4.50	6.30	6.70	7.30	4.70
05	6.00	7.80	8.20	8.80	6.20
06	7.50	9.30	9.70	10.30	7.70
07	9.00	10.80	11.20	11.80	9.20
08	10.50	12.30	12.70	13.30	10.70
09	12.00	13.80	14.20	14.80	12.20
10	13.50	15.30	15.70	16.30	13.70
11	15.00	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

C

C

B

B

A

A

嵌合状態図
MATED CONNECTORS

MOUNTING POSITION OF THE CONNECTOR

REVISED EC NO: J2014-0799 DRAWN: RHORI 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		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						

10

9

8

7

6

5

4

3

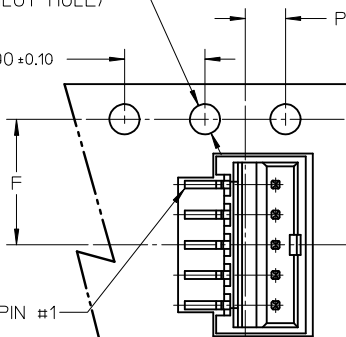
2

1

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITHOUT CAP

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

4.00 ± 0.10



12.00 ± 0.10

CENTER OF 6.70 REF DIMENSION

1.75 ± 0.10

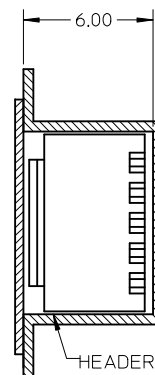
$W \pm 0.30$

1.75 ± 0.10

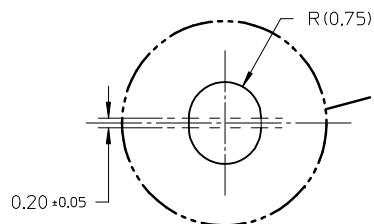
PIN #1

(6.70)

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

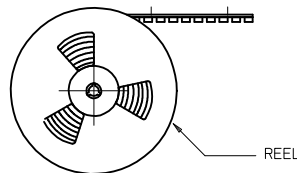


HEADER P/N:
87437-**41 (BEIGE)
OR 87437-**51 (BLACK)



DETAIL A
(ELONGATED HOLE)

CUSTOMER
PULL OUT DIRECTION



REEL

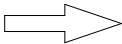


$G+2$
 -0

LOT LABEL

2.00 ± 0.50

TAPE UNREELING DIRECTION



30°

REEL DETAILS

$\phi 330$
MAX.

N

$\phi 13.00 \pm 0.50$

$\phi 1.00 \pm 0.80$

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

9

8

7

6

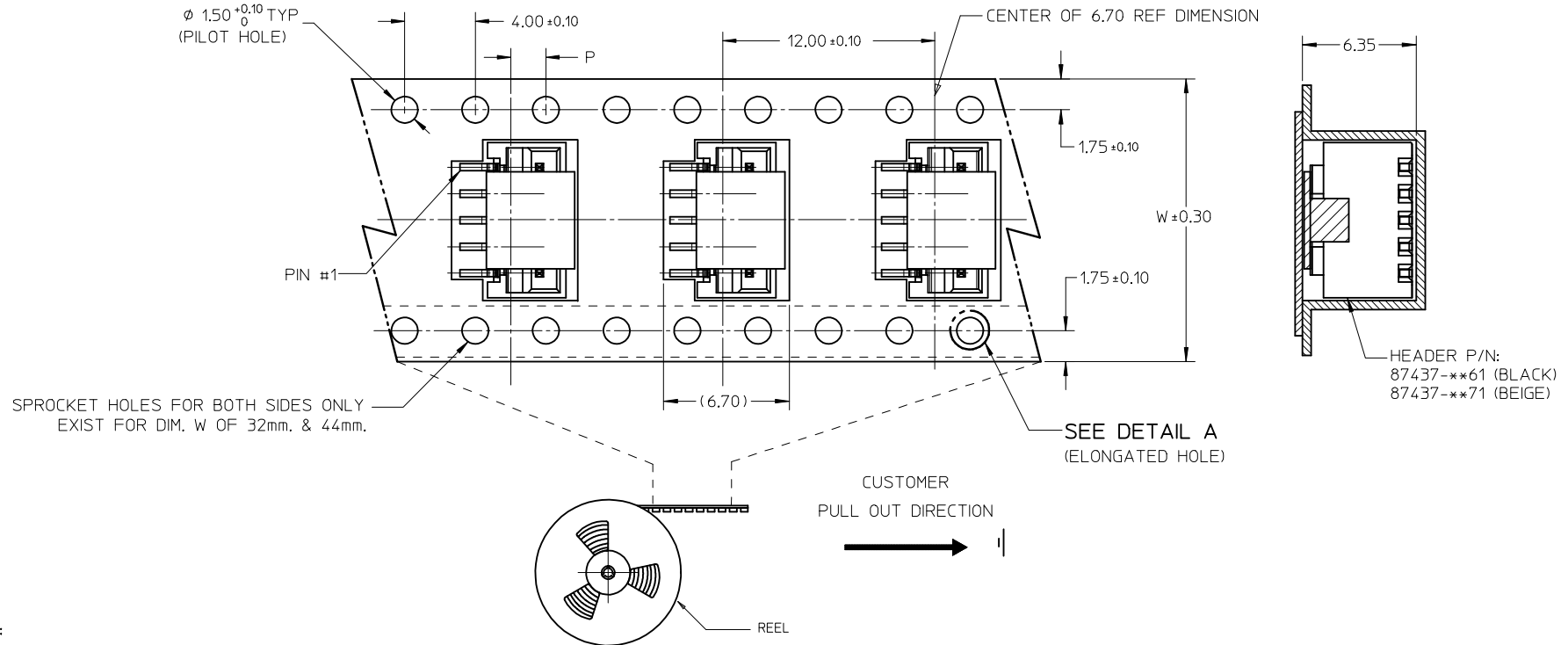
5

4

3

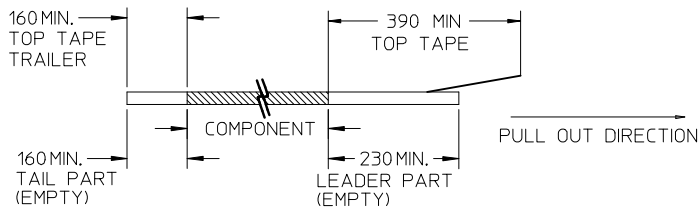
2

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITH CAP

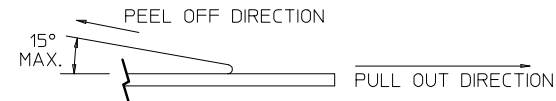


NOTES:

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:RORI 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	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 DOCUMENT NO. SD-87437-001		
						ANGULAR ±3 °		MATERIAL 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									

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