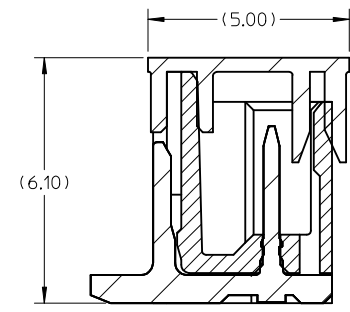
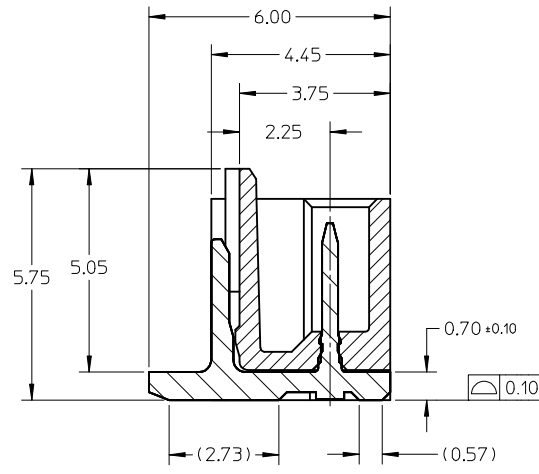
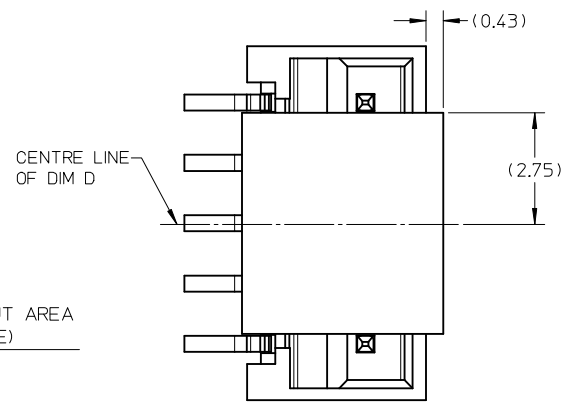
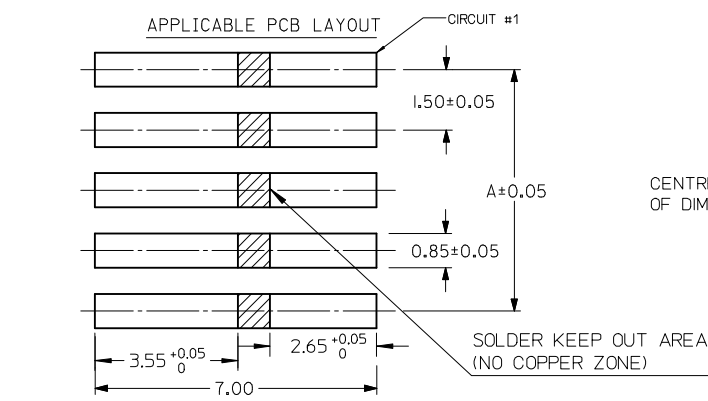
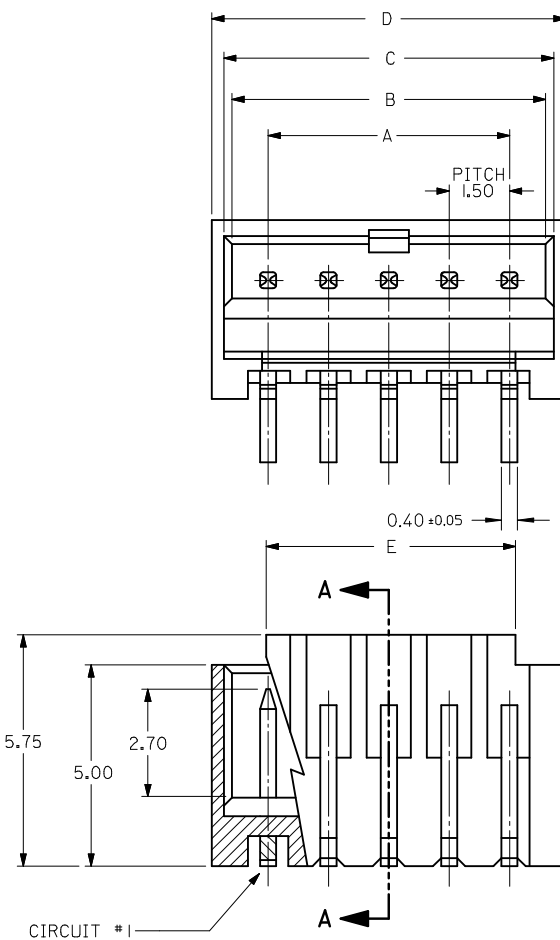


10 9 8 7 6 5 4 3 2 1



SECTION A-A
(WITH CAP)

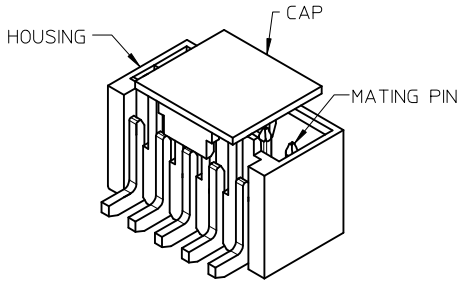
SECTION A-A
(WITHOUT CAP)

- 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 DRAWN BY TYAJIMA01 CHK'D: KASAKAWA APP'R: NUKITA	2013/11/06 2013/11/07	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
					MM ONLY		8:1	METRIC		
			10 UNDER	± 0.20	DRAWN BY	DATE	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT			
			10 OVER 30 UNDER	± 0.20	CHECKED BY	DATE				
			30 OVER	± 0.20	APPROVED BY	DATE				
			ANGULAR ± 3 °		MATERIAL NO.				DOCUMENT NO.	SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
REV		SIZE	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

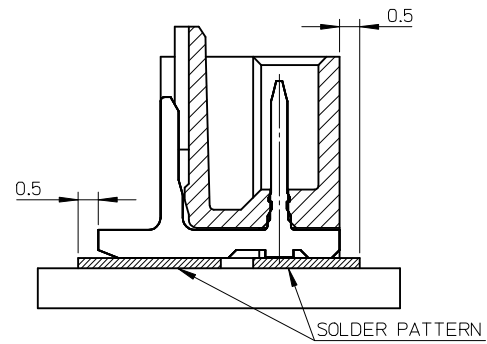
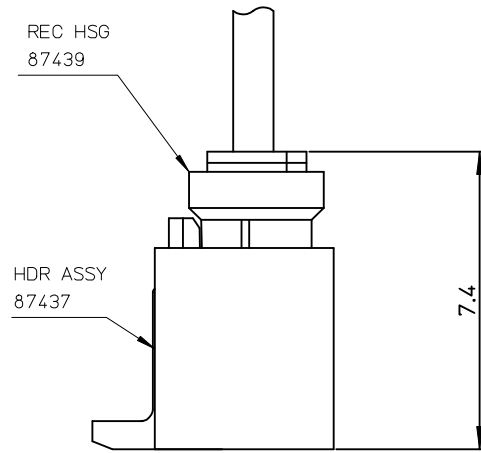
F

E

E

D

D



嵌合状態図
MATED CONNECTORS

MOUNTING POSITION OF THE CONNECTOR

B

B

A

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	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.						
	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						
REV						SD-87437-001			2 OF 4	

10

9

8

7

6

5

4

3

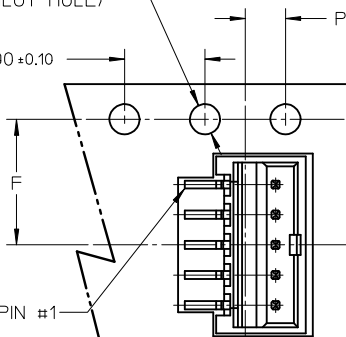
2

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

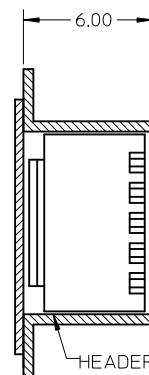
1.75 ± 0.10

$W \pm 0.30$

PIN #1

(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



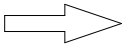
REEL



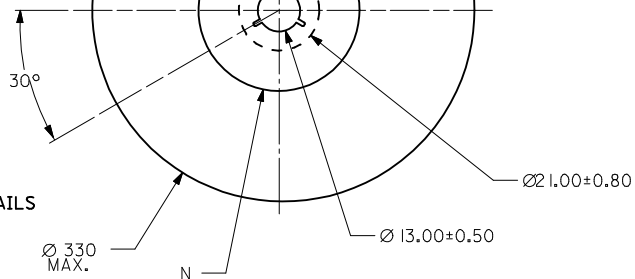
2.00 ± 0.50

LOT LABEL

TAPE UNREELING DIRECTION



REEL DETAILS



$\phi 330$
MAX.

N

$\phi 13.00 \pm 0.50$

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	molex				
				ANGULAR ±3 °		NUKITA	2013/09/25					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87437-001			SHEET NO. 3 OF 4	
						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

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2

