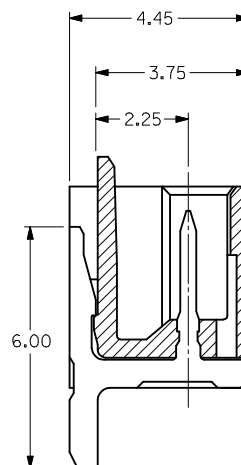
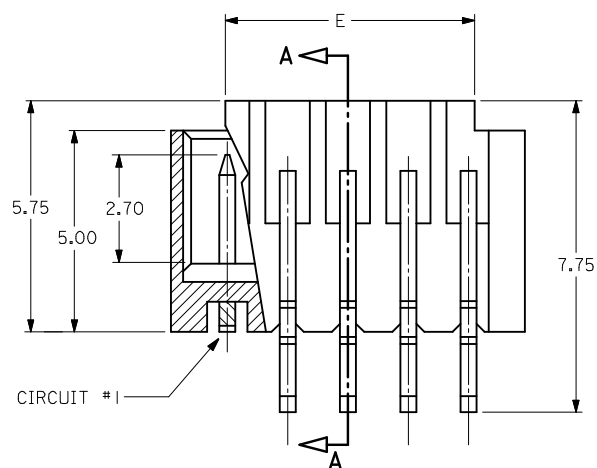
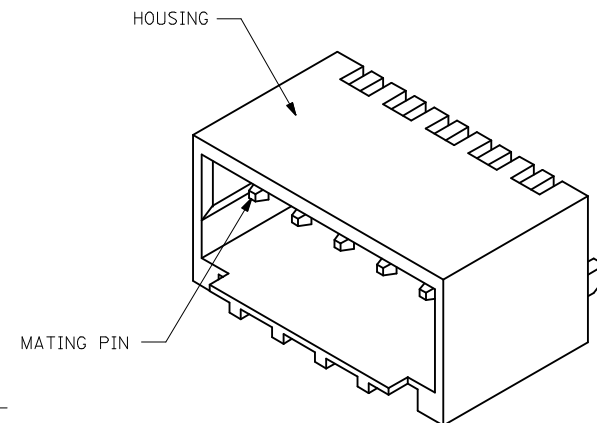
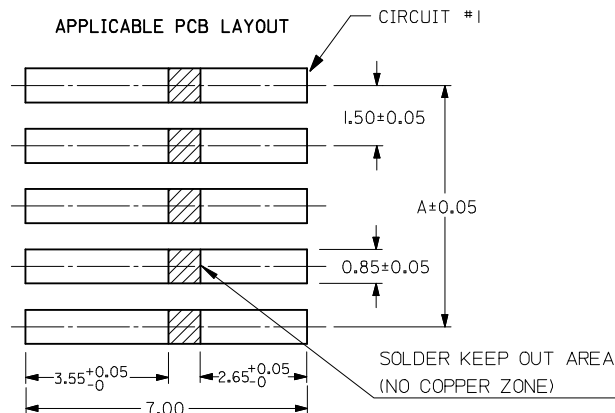
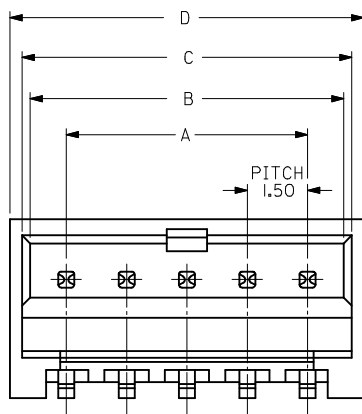
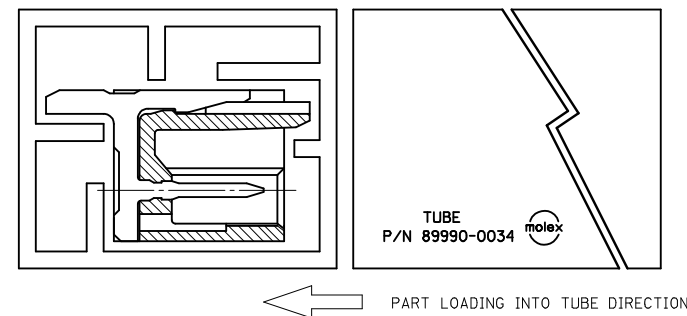


10 9 8 7 6 5 4 3 2 1



SECTION A-A



NOTES:

1. MATERIALS:
HOUSING: NYLON, GLASS-FILLED, UL94 V-0;
COLOR: SEE TABLE
PINS: BRASS ALLOY, C26000
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 SHALL BE PACKED IN MOISTURE BARRIER BAG.
6. THIS DRAWING IS RE-DRAWING OF SD-87438-***31.

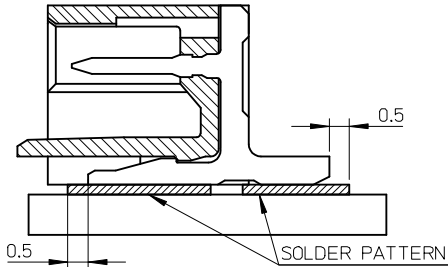
REVISED	EC NO: J2014-0698	2013/10/21	2013/10/22	2013/10/22	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
						10 UNDER	± 0.20	KCLING	DATE 1994/04/08	TITLE 1.50MM PITCH, W-T-B HEADER, R/A, SMT					
						10 OVER 30 UNDER	± 0.20	CHECKED BY SKTOH	DATE 1994/04/21						
						30 OVER	± 0.20	APPROVED BY NUKITA	DATE 2013/10/22	molex					
						ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.		SHEET NO. 1 OF 3
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					SD-87438-001		
						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

CKT 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

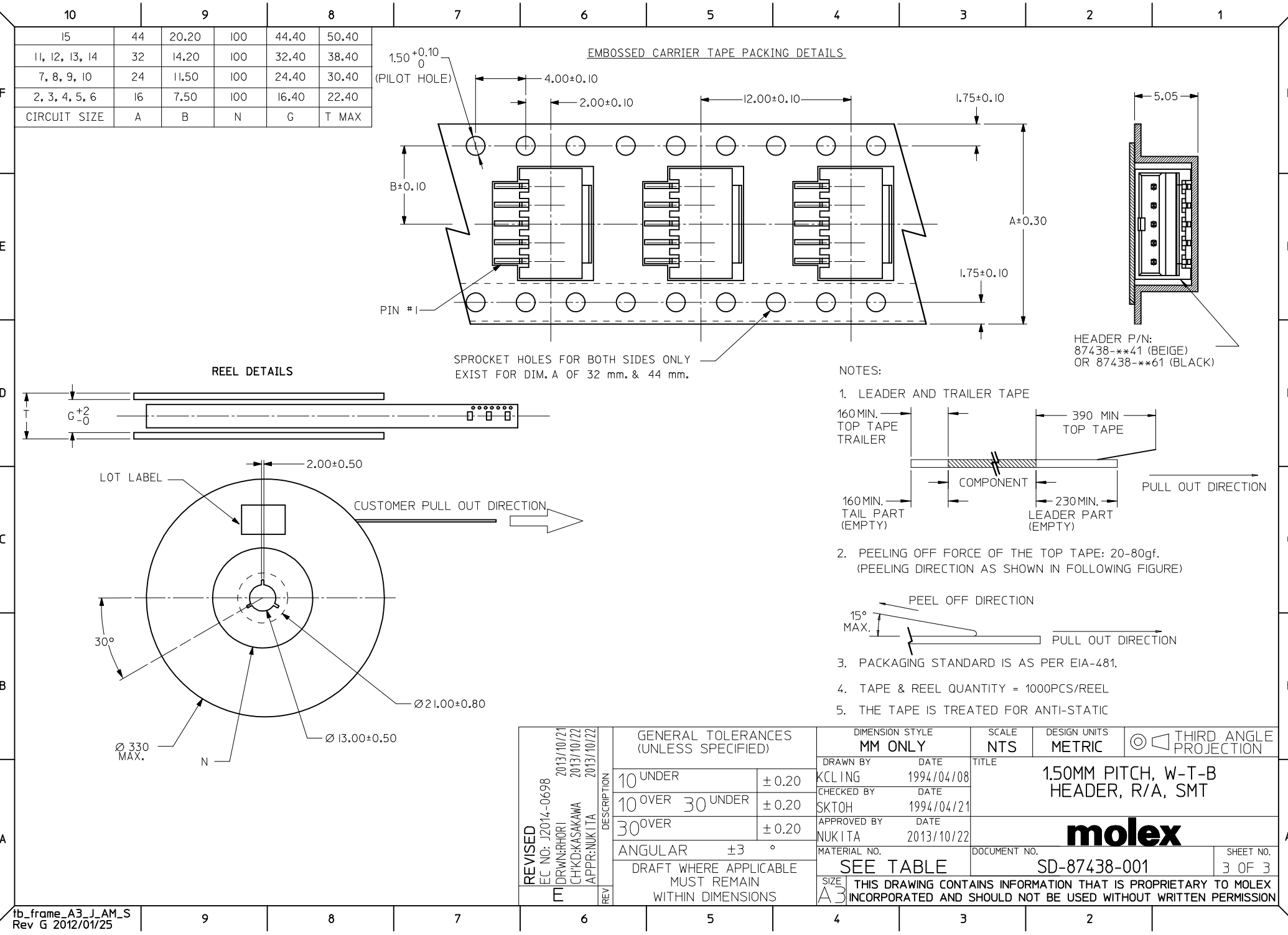
PART NUMBER ASSIGNMENT

- 87438-XXXX
- 2- TUBE PACKAGING
 - 3- TAPE AND REEL PACKAGING
 - 4- BEIGE COLOR HSG
 - 6- BLACK COLOR HSG
 - 2 TO 15 - CIRCUIT SIZE



MOUNTING POSITION OF THE CONNECTOR

REVISED EC NO: J2014-0698 2013/10/24 DRAWN: HORI CHKD: KASAKAWA APPR: NUKITA 2013/10/22	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.20	DRAWN BY KCLING	DATE 1994/04/08	TITLE 1.50MM PITCH, W-T-B HEADER, R/A, SMT				
		10 OVER 30 UNDER	± 0.20	CHECKED BY SKTOH	DATE 1994/04/21					
		30 OVER	± 0.20	APPROVED BY NUKITA	DATE 2013/10/22	molex				
		ANGULAR ±3 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87438-001			2 OF 3		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



REVISED EC NO: J2014-0698 2013/10/21 DRAWN: HORI CHKD: KASAKAWA APPR: NUKITA 2013/10/22 2013/10/22	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.20	DRAWN BY KCLING	DATE 1994/04/08	TITLE 150MM PITCH, W-T-B HEADER, R/A, SMT			
		10 OVER 30 UNDER	± 0.20	CHECKED BY SKTOH	DATE 1994/04/21				
		30 OVER	± 0.20	APPROVED BY NUKITA	DATE 2013/10/22	molex			
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87438-001		3 OF 3		
REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

- NOTES:
- LEADER AND TRAILER TAPE
160 MIN. TOP TAPE TRAILER
390 MIN TOP TAPE
160 MIN. TAIL PART (EMPTY)
COMPONENT
230 MIN. LEADER PART (EMPTY)
PULL OUT DIRECTION
 - PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)
PEEL OFF DIRECTION
15° MAX.
PULL OUT DIRECTION
 - PACKAGING STANDARD IS AS PER EIA-481.
 - TAPE & REEL QUANTITY = 1000PCS/REEL
 - THE TAPE IS TREATED FOR ANTI-STATIC

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[87438-0863](#)