

SECTION A-A  
(WITHOUT CAP)

SECTION A-A  
(WITH CAP)

NOTES:

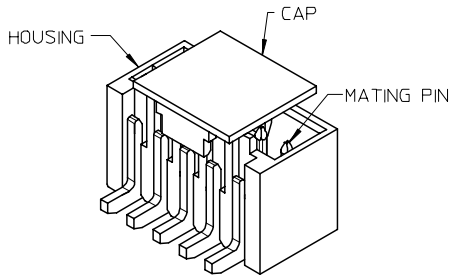
- MATERIAL:  
HOUSING: NYLON, GLASS FILLED, UL94 V-0,  
COLOR - SEE TABLE.  
CAP: NYLON, GLASS FILLED, UL94V-0  
COLOR: BEIGE.  
PINS: BRASS ALLOY, C26000, P/N87437-8083.
- PLATING: 2.54µM. MIN. TIN OVER 1.27µM MIN. NICKEL.
- DRAWING SHOWS PLUG WITH 5 CIRCUITS.
- HEADER TO BE USED WITH CRIMP HOUSING, P/N 87439  
AND CRIMP TERMINAL, P/N 87421.
- PARTS TO BE PACKED IN MOISTURE BAG.

ADD MOIST BAG NOTE EC NO: S2007-1049 DRWNS:KANG CHKD:ATSEE APPR:MLONG	2007/06/22	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	2007/06/22		DESCRIPTION	mm	INCH	DRAWN BY KCLING	DATE 1994/04/08	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT			
	2007/06/22		REV	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY SKTOH	DATE 1994/04/21				
	D7			2 PLACES ± 0.20 ± ---	1 PLACE ± --- ± ---	APPROVED BY RWONG	DATE 1994/04/21				

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				SEE TABLE		SD-87437-***31		1 OF 4	

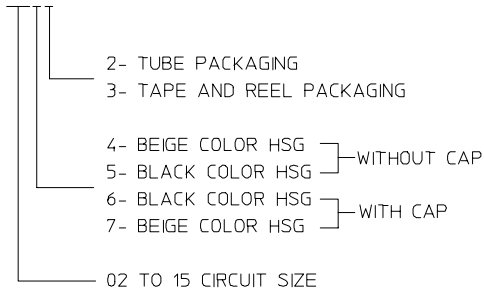
DRAWN BY KCLING		DATE 1994/04/08		TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT	
CHECKED BY SKTOH		DATE 1994/04/21		MOLEX INCORPORATED	
APPROVED BY RWONG		DATE 1994/04/21			
MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		SEE TABLE		SD-87437-***31	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1



PART NUMBER ASSIGNMENT

87437-XXXX



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

D

C

B

A

F

E

D

C

B

A

ADD MOIST BAG NOTE EC NO: S2007-1049 DRWNS:KANG CHKD:ATSEE APPR:MLONG	2007/06/22 2007/06/22 2007/06/22	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </tbody> </table> ANGULAR ± 3°		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY DRAWN BY DATE KCL ING 1994/04/08 CHECKED BY DATE SKTOH 1994/04/21 APPROVED BY DATE RWONG 1994/04/21	SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT
				mm	INCH																	
			4 PLACES	± ---	± ---																	
			3 PLACES	± ---	± ---																	
2 PLACES	± 0.20	± ---																				
1 PLACE	± ---	± ---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87437-**31	SHEET NO. 2 OF 4																		
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
D7																						

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITHOUT CAP

F

E

D

C

B

A

F

E

D

C

B

A

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

$4.00 \pm 0.10$

P

$12.00 \pm 0.10$

CENTER OF 6.70 REF DIMENSION

$1.75 \pm 0.10$

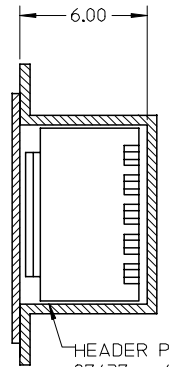
$W \pm 0.30$

PIN #1

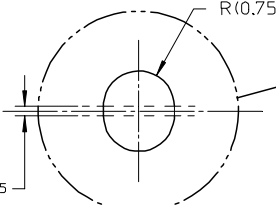
R(0.75)

(6.70)

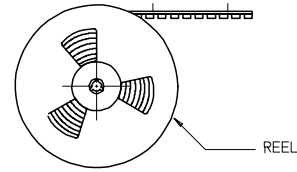
SPROCKET HOLES FOR BOTH SIDES ONLY  
EXIST FOR DIM. W OF 32mm. & 44mm.



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

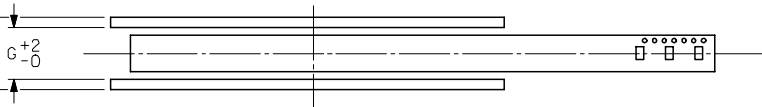


DETAIL A  
(ELONGATED HOLE)



CUSTOMER  
PULL OUT DIRECTION

REEL



LOT LABEL

$2.00 \pm 0.50$

TAPE UNREELING DIRECTION

30°

REEL DETAILS

$\varnothing 330$   
MAX.

N

$\varnothing 13.00 \pm 0.50$

$\varnothing 21.00 \pm 0.80$

ADD MOIST BAG NOTE	DESCRIPTION
EC NO: S2007-1049	REV
DRWN:SKANG	2007/06/22
CHKD:ATSEE	2007/06/22
APPR:MLONG	2007/06/22
D7	

QUALITY SYMBOLS	$\nabla=0$
	$\nabla C=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	
	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	$\pm 0.20$	$\pm$ ---
1 PLACE	$\pm$ ---	$\pm$ ---
ANGULAR $\pm 3^\circ$		

DRAWN BY	DATE	TITLE
KCLING	1994/04/08	1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT
CHECKED BY	DATE	
SKTOH	1994/04/21	
APPROVED BY	DATE	
RWONG	1994/04/21	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-87437-**-31	3 OF 4

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

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9

8

7

6

5

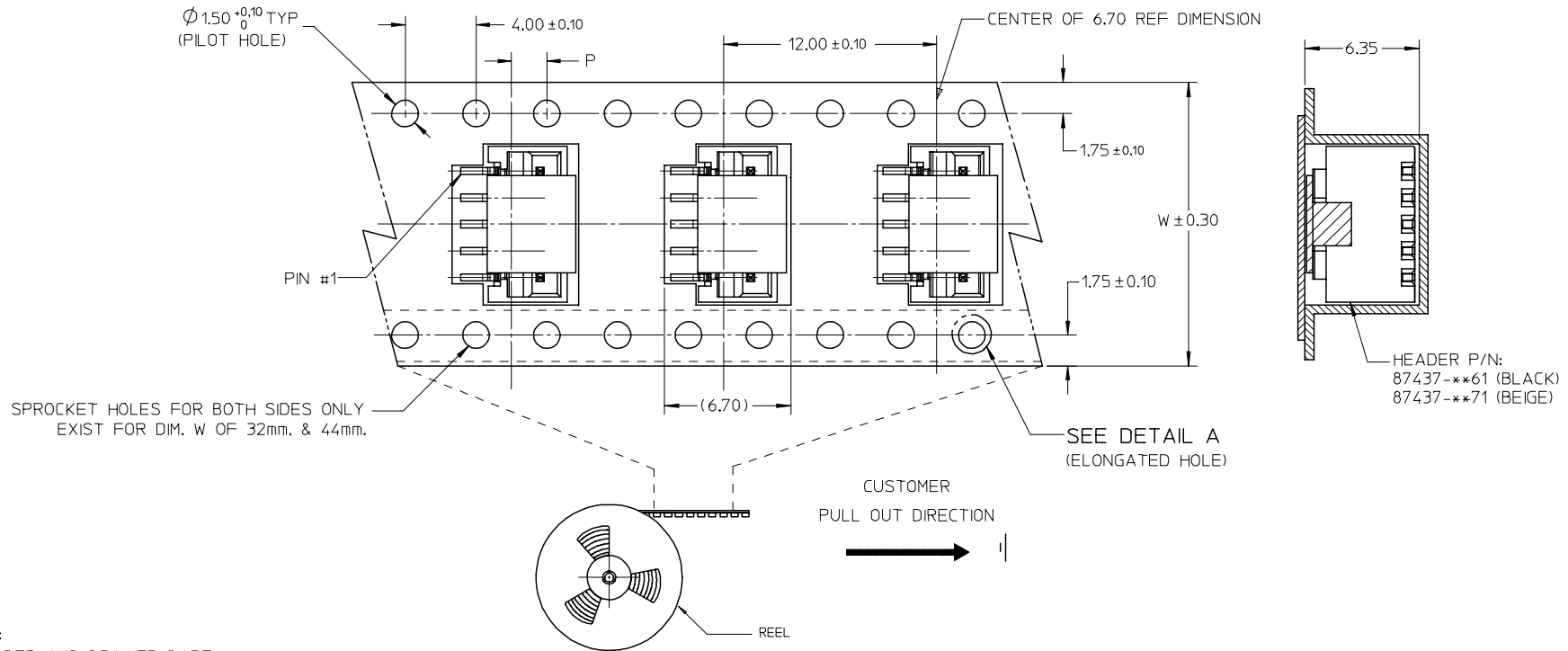
4

3

2

1

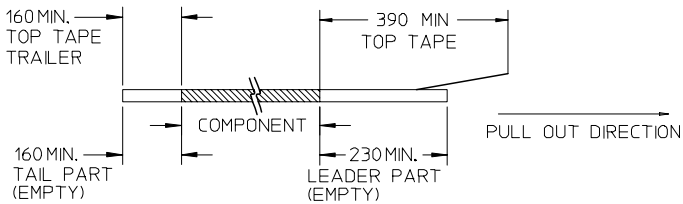
EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITH CAP



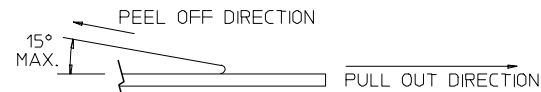
HEADER P/N:  
87437-\*\*-61 (BLACK)  
87437-\*\*-71 (BEIGE)

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

ADD MOIST BAG NOTE EC NO: S2007-1049 DRWNS:KANG CHKD:ATSEE APPR:MLONG	2007/06/22 2007/06/22 2007/06/22	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY KCLING		DATE 1994/04/08	TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT			
					CHECKED BY SKTOH		DATE 1994/04/21	MOLEX INCORPORATED SD-87437-**-31			
					APPROVED BY RWONG		DATE 1994/04/21				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO. DOCUMENT NO.		SHEET NO. 4 OF 4			