

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 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2007/06/22	QUALITY SYMBOLS ▽=0 ◁=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			1 PLACE ± --- ± ---	ANGULAR ± 3 °		APPROVED BY RWONG	DATE 1994/04/21		

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	
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SEE TABLE		MATERIAL NO.		DOCUMENT NO.	SHEET NO.
				SD-87437-***31	1 OF 4

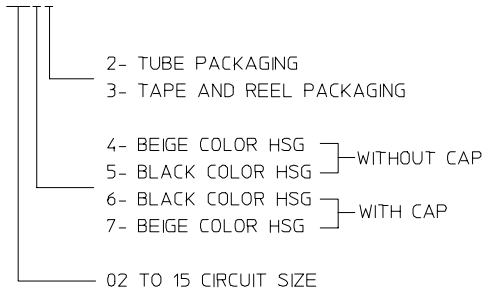
MOLEX INCORPORATED		MATERIAL NO.		DOCUMENT NO.	SHEET NO.
				SD-87437-***31	1 OF 4

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 DRWN:SKANG 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

$1.75 \pm 0.10$

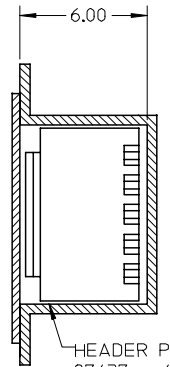
$W \pm 0.30$

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)

$0.20 \pm 0.05$

DETAIL A  
(ELONGATED HOLE)

CUSTOMER  
PULL OUT DIRECTION



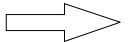
REEL

$G^{+2}_0$

LOT LABEL

$2.00 \pm 0.50$

TAPE UNREELING DIRECTION



$30^\circ$

REEL DETAILS

$\varnothing 330$   
MAX.

N

$\varnothing 13.00 \pm 0.50$

$\varnothing 21.00 \pm 0.80$

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

QUALITY SYMBOLS	$\nabla=0$
	$\sphericalangle=0$

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

DRAWN BY KCLING	DATE 1994/04/08
CHECKED BY	DATE
SKTOH	1994/04/21
APPROVED BY RWONG	DATE 1994/04/21
MATERIAL NO.	
SEE TABLE	
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT		
MOLEX INCORPORATED		SHEET NO. 3 OF 4
DOCUMENT NO. SD-87437-**-31		

9

8

7

6

5

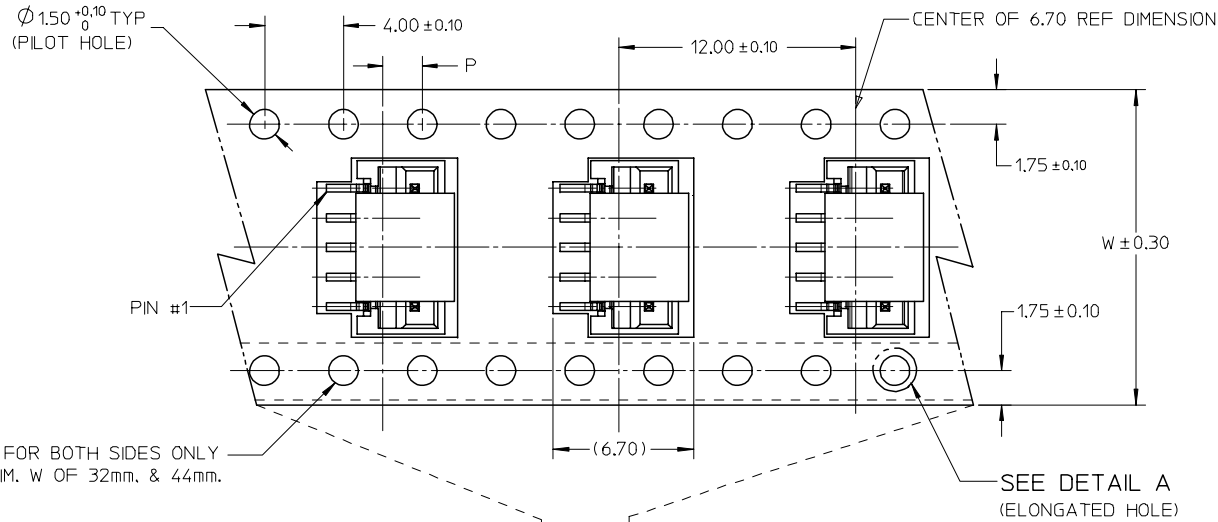
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3

2

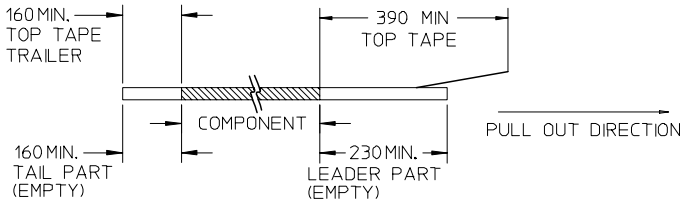
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EMBOSSED CARRIER TAPE PACKING DETAILS FOR PARTS WITH CAP

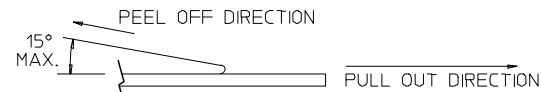


NOTES:

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

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			