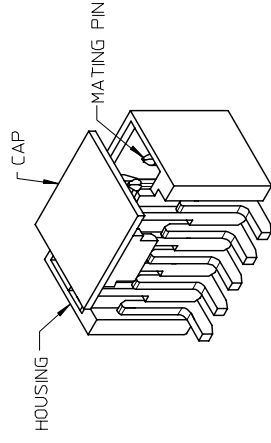


NOTES:

1. 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.
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 TO BE PACKED IN MOISTURE BAG.

ADD MOIST BAG NOTE		DESCRIPTION		REV	
EC NO: S2007-1049	2007/06/22	DRWN:SKANG	D7		
CHK'D:ATSEE	2007/06/22				
APP'R:MLONG	2007/06/22				




QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
=0		mm		MM ONLY		NTS		METRIC		⊙	
=0		INCH		DATE		TITLE		150MM PITCH, W-T-B		HEADER, VERTICAL, SMT	
4 PLACES ± ---		± ---		DRAWN BY		1994/04/08					
3 PLACES ± ---		± ---		KCLING		DATE					
2 PLACES ± 0.20		± ---		CHECKED BY		1994/04/21					
1 PLACE ± ---		± ---		SKT0H		DATE					
ANGULAR ± 3 °		± ---		APPROVED BY		1994/04/21					
				RWONG							
				MATERIAL NO.		DOCUMENT NO.					
				SEE TABLE		SD-87437-**-31					
				DRAFT WHERE APPLICABLE		1 OF 4					
				MUST REMAIN WITHIN DIMENSIONS							

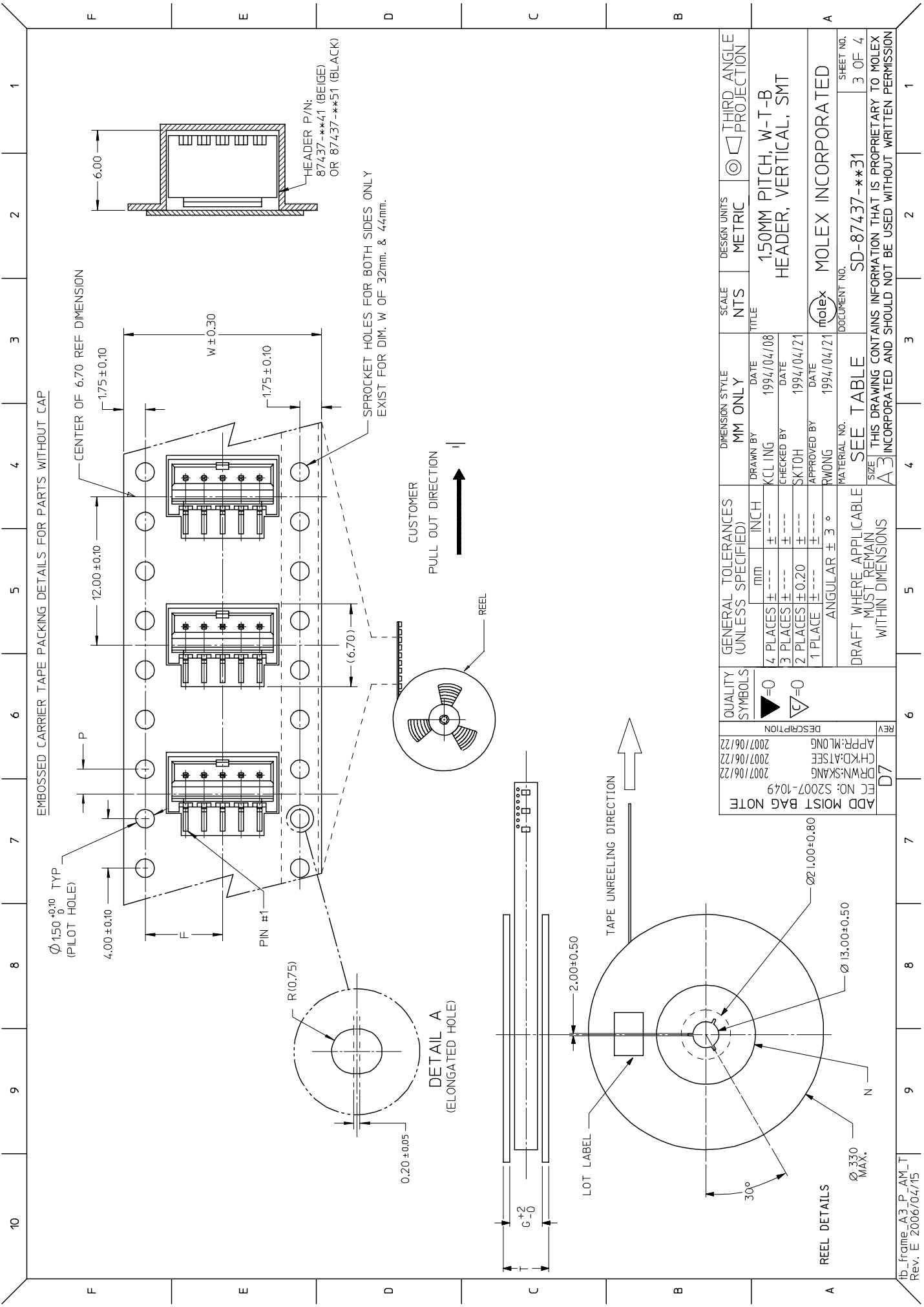


## PART NUMBER ASSIGNMENT



87437-XXXX

- 2- TUBE PACKAGING  
3- TAPE AND REEL PACKAGING
- 4- BEIGE COLOR HSG      ]-WITHOUT CAP  
5- BLACK COLOR HSG  
6- BLACK COLOR HSG      ]-WITH CAP  
7- BEIGE COLOR HSG
- 02 TO 15 CIRCUIT SIZE

ADD MOIST BAG NOTE		2007/06/22		2007/06/22		2007/06/22		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION					
EC NO: S2007-1049		CH:K:AD:AT:SEE		APPR:MLONG		DRWN:SKANG		<div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div>		4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.20 1 PLACE ± --- ANGULAR ± 3 °		DRAWN BY KCL ING CHECKED BY SKTOH APPROVED BY PWONG		DATE 1994/04/08 DATE 1994/04/21 DATE 1994/04/21		TITLE 1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT		NTS		METRIC			



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

QUALITY SYMBOLS	
 =0	 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	± 0.10
3 PLACES	± 0.15
2 PLACES	± 0.20
1 PLACE	± 0.30
ANGULAR ± 3°	

DIMENSION STYLE	
MM ONLY	DATE
DRAWN BY	1994/04/08
KCLING	CHECKED BY
SKTOH	DATE
1994/04/21	
APPROVED BY	DATE
RWONG	1994/04/21

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	

TITLE	
1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT	

REEL DETAILS		Ø 330 MAX.		Ø 13.00±0.50	
A		N			
ADD MOIS		EC NO. 520		REV	
DRWN:SKAN		CH:KDA:TS		D7	
APP:ML ON					
TITLE		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
1994/104/171		RWONG		MATERIAL NO.	
MOLEX INCORPORATED		SEE TABLE		DOCUMENT NO.	
		SD-87437-**-31		SHEET NO.	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		3 OF 4	

**Top View Dimensions:**

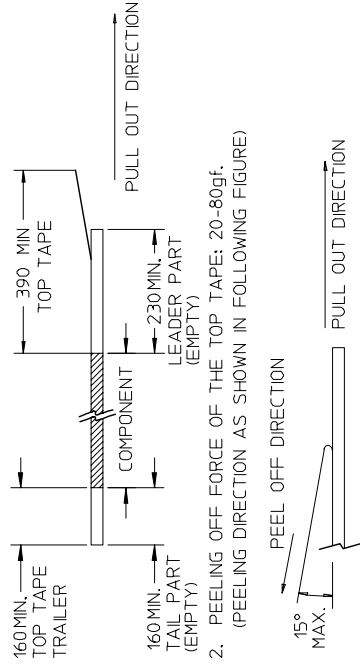
- Overall width:  $W \pm 0.30$
- Distance between sprockets:  $12.00 \pm 0.10$
- Sprocket pitch diameter:  $\phi 150^{+0.10}_0$  TYP (PILOT HOLE)
- Pitch: P
- Pin #1 location
- Distance from edge to sprocket center:  $4.00 \pm 0.10$
- Sprocket hole diameter:  $\phi 6.70$
- Offset dimension:  $1.75 \pm 0.10$

**Side View Dimensions:**

- Overall height: 6.35
- Header P/N: 87437-\*\*\*61 (BLACK) / 87437-\*\*\*71 (BEIGE)

**Callouts and Notes:**

- SEE DETAIL A (ELONGATED HOLE)
- CUSTOMER PULL OUT DIRECTION →
- REEL
- SPROCKET HOLES FOR BOTH SIDES ONLY EXIST FOR DIM. W OF 32mm. & 44mm.





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

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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES ±	± .005 ± .002
3 PLACES ±	± .005 ± .002
2 PLACES ±	± .010 ± .005
1 PLACE ±	± .015 ± .007
ANGULAR ± 3 °	

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
DRAWN BY KCLING	DATE 1994/04/08	1.50MM PITCH, W-T-B HEADER, VERTICAL, SMT	
CHECKED BY SKTCH	DATE 1994/04/21		
APPROVED BY RWONG	DATE 1994/04/21	 MOLEX INCORPORATED	
MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
SEE TABLE	SD-87437--*31	4 OF 4	
SIZE: THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			