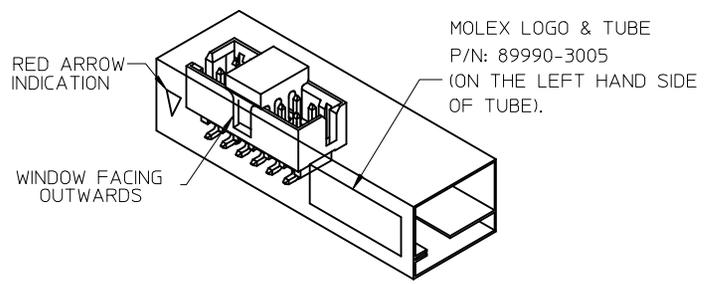
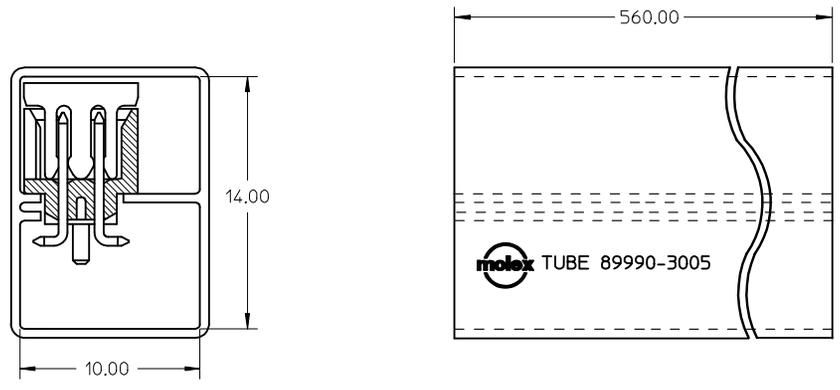


CKT SIZE	DIMENSION					
	A	B	C	D	E	F
4	6.65	4.85	2.00	---	---	5.00
6	8.65	6.85	4.00	---	2.00	7.00
8	10.65	8.85	6.00	---	4.00	9.00
10	12.65	10.85	8.00	---	6.00	11.00
12	14.65	12.85	10.00	---	8.00	13.00
14	16.65	14.85	12.00	8.00	10.00	15.00
16	18.65	16.85	14.00	10.00	12.00	17.00
18	20.65	18.85	16.00	12.00	14.00	19.00
20	22.65	20.85	18.00	14.00	16.00	21.00
22	24.65	22.85	20.00	16.00	18.00	23.00
24	26.65	24.85	22.00	18.00	20.00	25.00
26	28.65	26.85	24.00	20.00	22.00	27.00
28	30.65	28.85	26.00	22.00	24.00	29.00
30	32.65	30.85	28.00	24.00	26.00	31.00
32	34.65	32.85	30.00	26.00	28.00	33.00
34	36.65	34.85	32.00	28.00	30.00	35.00
36	38.65	36.85	34.00	30.00	32.00	37.00
38	40.65	38.85	36.00	32.00	34.00	39.00
40	42.65	40.85	38.00	34.00	36.00	41.00
42	44.65	42.85	40.00	36.00	38.00	43.00
44	46.65	44.85	42.00	38.00	40.00	45.00
46	48.65	46.85	44.00	40.00	42.00	47.00
48	50.65	48.85	46.00	42.00	44.00	49.00
50	52.65	50.85	48.00	44.00	46.00	51.00

ADD P/N: 87832-9523	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: S2013-0413	$F_A = 0$	mm	MM ONLY	NTS	METRIC	
DRW:SKANG	$F_B = 0$	INCH	DRAWN BY	DATE	TITLE	
CHKD:ATSEE	$F_C = 0$	4 PLACES ± --- ± ---	ATSEE	2003/10/14	MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R	molex
APPR:MLONG	$F_D = 0$	3 PLACES ± --- ± ---	CHECKED BY	DATE		
		2 PLACES ± 0.2 ± ---	KCLING	2003/11/07		
		1 PLACE ± --- ± ---	APPROVED BY	DATE		
		0 PLACE ± ±	SKTOH	2003/11/07		
		ANGULAR ± 3°	MATERIAL NO.	SEE TABLE	DOCUMENT NO.	SHEET NO.
A12	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	A3	SD-87832-007	1 OF 4

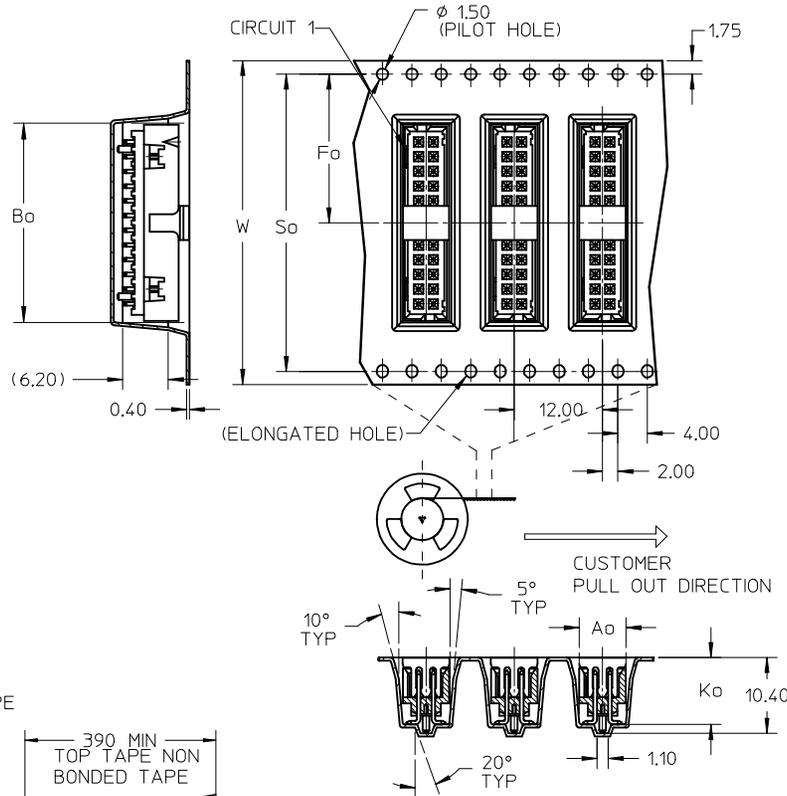
WITH CAP
TUBE PACKAGING



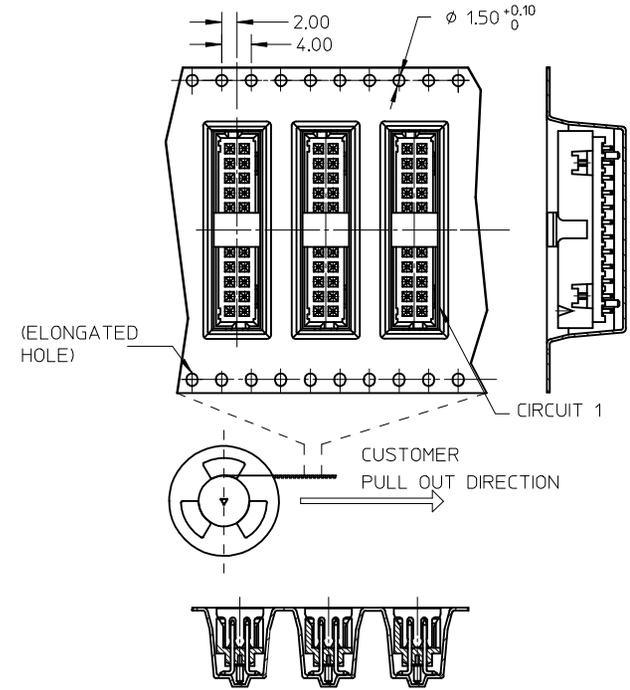
REF : ORIENTATION OF PART IN TUBE.
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY.)

ADD P/N: 87832-9523 IEC NO: S2013-0413 DRWN:SKANG 2012/12/26 CHKD:ATSEE 2013/01/07 APPR:MLONG 2013/01/23	QUALITY SYMBOLS $F_A=0$ $F_B=0$ $F_C=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY ATSEE	DATE 2003/10/14	TITLE MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R		
		4 PLACES	\pm ---	\pm ---	CHECKED BY KCLING	DATE 2003/11/07				
		3 PLACES	\pm ---	\pm ---	APPROVED BY SKTOH	DATE 2003/11/07	molex DOCUMENT NO. SD-87832-007 SHEET NO. 2 OF 4			
2 PLACES	\pm 0.2	\pm ---	MATERIAL NO. SEE TABLE							
1 PLACE	\pm ---	\pm ---	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			
0 PLACE	\pm	\pm								

EMBOSSED CARRIER TAPE LAYOUT OPTION A
24 CKT USE FOR ILLUSTRATION ONLY

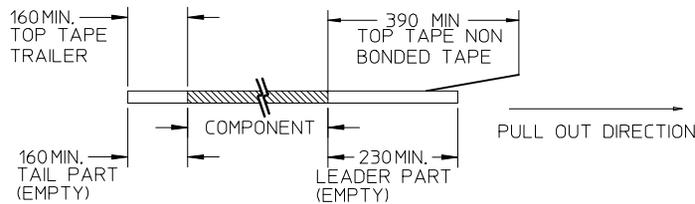


EMBOSSED CARRIER TAPE LAYOUT OPTION B
24 CKT USE FOR ILLUSTRATION ONLY

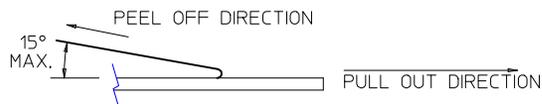


NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.

ADD P/N: 87832-9523	2012/12/26	DRWN:SKANG	2013/01/07	CHKD:ATSEE	2013/01/23	APPR:MLONG
EC NO: S2013-0413						
REV	DESCRIPTION					
A12						

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
$\nabla = 0$	4 PLACES ± ---	± ---
$\nabla = 0$	3 PLACES ± ---	± ---
$\nabla = 0$	2 PLACES ± 0.2	± ---
	1 PLACE ± ---	± ---
	0 PLACE ±	±
	ANGULAR ± 3°	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
ATSEE	2003/10/14
CHECKED BY	DATE
KCL ING	2003/11/07
APPROVED BY	DATE
SKTOH	2003/11/07
MATERIAL NO.	SEE TABLE

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R		
molex		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-87832-007	3 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

F	10	9	8	7	6	5	4	3	2	1	PACKAGING OPTION (SHEET 3)							
												PEG OPTION	P/N W/O CAP IN TUBE	P/N W/CAP IN TUBE (SHEET 2)	P/N W/CAP TAPE & REEL (SHEET 3)	CKT SIZE	DIMENSION	
												W	Fo	Bo	So	Ao	Ko	
												16.00	7.50	7.15	-	6.40	9.30	A
												24.00	11.50	9.15	-	6.40	9.30	A
												24.00	11.50	11.05	-	6.40	9.30	A
												24.00	11.50	13.05	-	6.40	9.30	A
												32.00	14.20	15.15	28.40	6.40	9.30	A
												32.00	14.20	17.05	28.40	6.40	9.30	A
												32.00	14.20	19.05	28.40	6.40	9.30	A
												44.00	20.20	21.05	40.40	6.40	9.30	A
												44.00	20.20	23.05	40.40	6.40	9.30	A
												44.00	20.20	25.05	40.40	6.40	9.30	A
												44.00	20.20	27.05	40.40	6.40	9.30	A
												44.00	20.20	29.05	40.40	6.40	9.30	A
												56.00	26.20	31.05	52.40	6.40	9.30	A
												56.00	26.20	33.05	52.40	6.40	9.30	A
												--	--	--	--	--	--	-
												56.00	26.20	37.05	52.40	6.40	9.30	A
												--	--	--	--	--	--	-
												--	--	--	--	--	--	-
												56.00	26.20	43.05	52.40	6.40	9.30	A
												--	--	--	--	--	--	-
												56.00	26.20	46.80	52.40	6.40	9.30	A
												--	--	--	--	--	--	-
												--	--	--	--	--	--	-
												72.00	34.20	53.05	68.40	6.40	9.30	A
												24.00	11.50	13.05	-	6.40	9.30	B
												32.00	14.20	17.05	28.40	6.40	9.30	B

PLS REFER TO PART 87832-**09 FOR CENTER LOCKING SLOT OPTION.

- NOTES:
- FOR ILLUSTRATION PURPOSES. 20 CIRCUIT SIZE WAFER IS SHOWN.
 - MATERIAL : HOUSING & CAP : 30% G.F., NYLON 46, UL94V-0, COLOR BLACK. PIN : 0.50MM SQ.PHOSPHOR BRONZE.
 - PLATING : 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
 - PRODUCT SPECIFICATION PS-87831-027 APPLIES.
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE.
 - NO SIDE LOCKING SLOT FROM 4 TO 12 CKT SIZE. CKT 4 & 6 HAS NO IDENTIFICATION TAG.
 - POSITION OF CAP TO BE LOCATED AT CENTER OF DIMENSION 'A' REGARDLESS OF CIRCUIT SIZE.
 - TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK-&-PLACE BY VACUUM SUCTION NOZZLE.
 - THIS HEADER MATES WITH MOLEX:
 - CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
 - 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.
 - NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.
 - PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG.

ADD P/N: 87832-9523 EC NO: S2013-0413 DRWN:SKANG CH'KD:ATSEE APPR:MLONG 2012/12/26 2013/01/07 2013/01/23	QUALITY SYMBOLS $\nabla_{\text{F}} = 0$ $\nabla_{\text{E}} = 0$ $\nabla_{\text{P}} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY ATSEE	DATE 2003/10/14	TITLE MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R		
		4 PLACES	± ---	± ---	CHECKED BY KCLING	DATE 2003/11/07	 DOCUMENT NO. SD-87832-007 SHEET NO. 4 OF 4		
		3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2003/11/07			
2 PLACES	± 0.2	± ---	MATERIAL NO.		SEE TABLE				
1 PLACE	± ---	± ---	ANGULAR ± 3 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
0 PLACE	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						