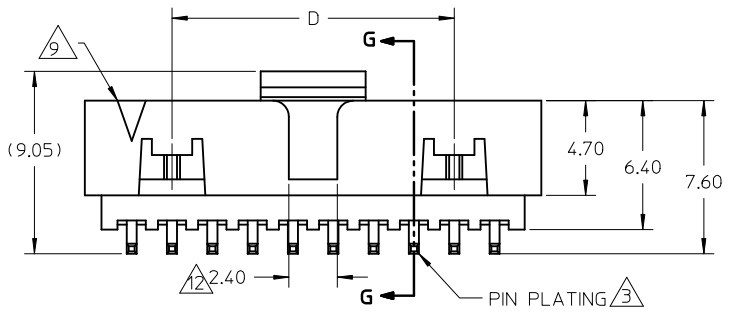
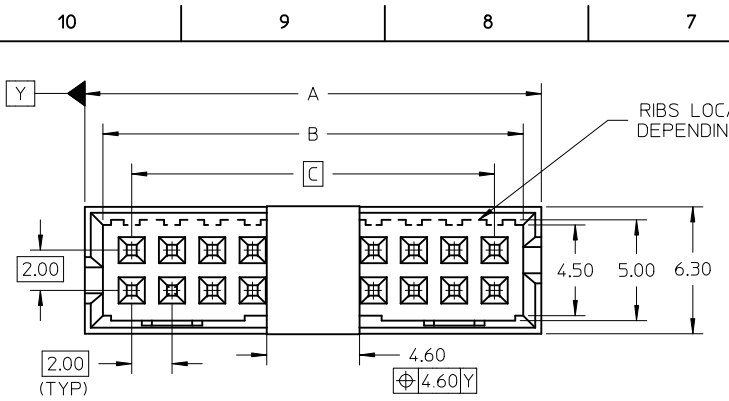
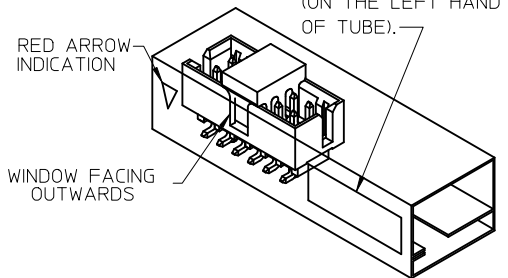
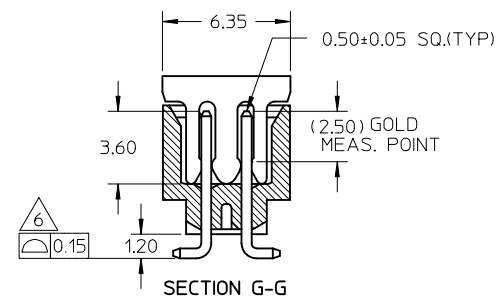


RECOMMENDED PCB PATTERN



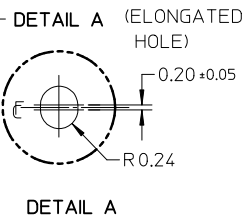
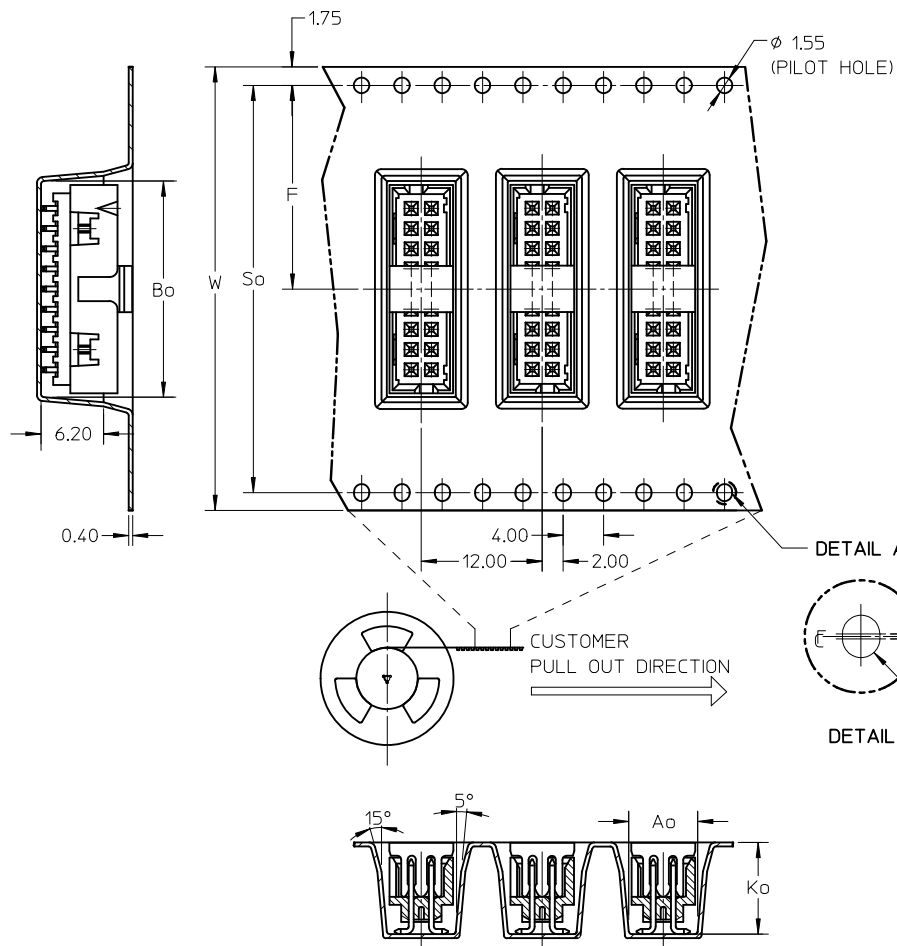
REF : ORIENTATION OF PART IN TUBE.
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY.)

P/N W/CAP IN TUBE	P/N W/CAP IN T&R	P/N W/O CAP IN TUBE	CKT SIZE	DIMENSION				
				A	B	C	D	E
87832-0616	87832-0614	87832-0612	6	8.65	6.85	4.00	—	7.00
87832-0816	87832-0814	87832-0812	8	10.65	8.85	6.00	—	9.00
87832-1416	87832-1414	87832-1412	14	16.65	14.85	12.00	8.00	15.00
87832-1816	87832-1814	87832-1812	18	20.65	18.85	16.00	12.00	19.00
87832-2016	87832-2014	87832-2012	20	22.65	20.85	18.00	14.00	21.00
87832-2616	—	87832-2612	26	28.65	26.85	24.00	20.00	27.00
87832-3016	87832-3014	87832-3012	30	32.65	30.85	28.00	24.00	31.00
87832-3416	87832-3414	87832-3412	34	36.65	34.85	32.00	28.00	35.00
87832-4016	—	87832-4012	40	42.65	40.85	38.00	34.00	41.00
87832-5016	—	87832-5012	50	52.65	50.85	48.00	44.00	51.00
87832-1016	87832-1014	87832-1012	10	12.65	10.85	8.00	—	11.00
87832-1616	87832-1614	87832-1612	16	18.65	16.85	14.00	10.00	17.00

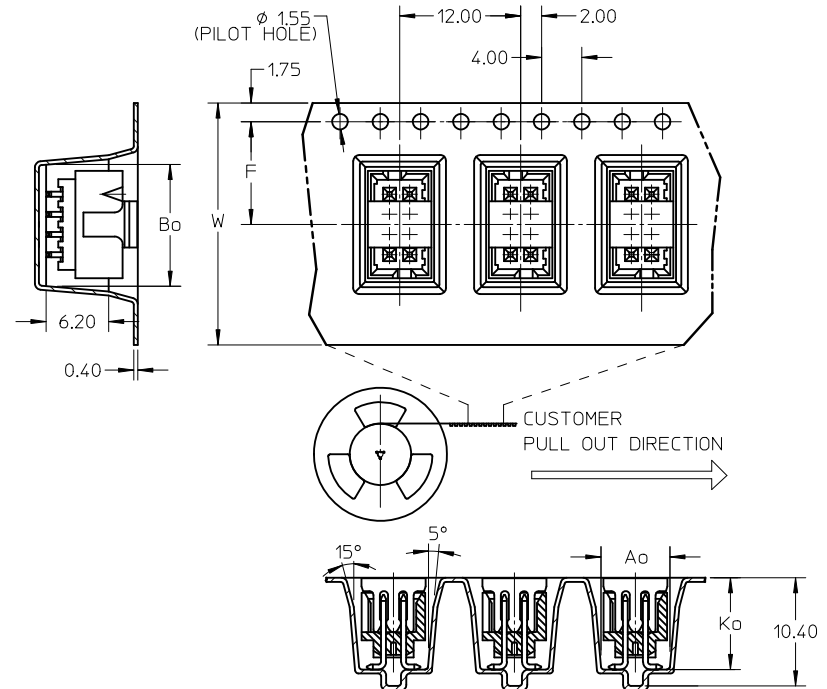
- NOTES:
- FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
 - MATERIAL :
HOUSING & CAP : NYLON 46, GLASS FILLED, UL94V-0, COLOR BLACK.
PIN : 0.50MM SQ.PHOSPHOR BRONZE.
 - PLATING:
0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
 - PIN PUSHOUT FORCE : 0.91 KG MIN. IN EITHER DIRECTION.
 - PRODUCT SPECIFICATION PS-87831-027 APPLIES.
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE.
 - BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF THE TAIL.
 - NO SIDE LOCKING SLOT FROM 6, 8, AND 10 CKT SIZE.
 - CKT 4 & 6 HAS NO IDENTIFICATION TAG.
 - THIS HEADER MATES WITH MOLEX:
 - CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
 - 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.
 - PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG WITH DESICCANT GEL.
 - NO CENTRE POLARIZATION SLOT FOR CKT SIZE 6

REVISED EC NO: S2012-0647 2012/02/28 DRWN:SKANG CHKD:ATSEE 2012/04/30 APPR:MLONG 2012/05/03 REV B5	DESCRIPTION	QUALITY SYMBOLS ▼=0 ◻=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 W/CAP, IN TUBE AND T&R SMT MOLEX INCORPORATED			
			4 PLACES	± ---	± ---	CHECKED BY KCLING	DATE 2003/11/07				
			3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2003/11/07				
			2 PLACES	± 0.2	± ---						
			1 PLACE	± ---	± ---	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
			ANGULAR ± 3 °			SEE TABLE		SD-87832-008		1 OF 3	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						SIZE A3					

EMBOSSED CARRIER TAPE 'B'



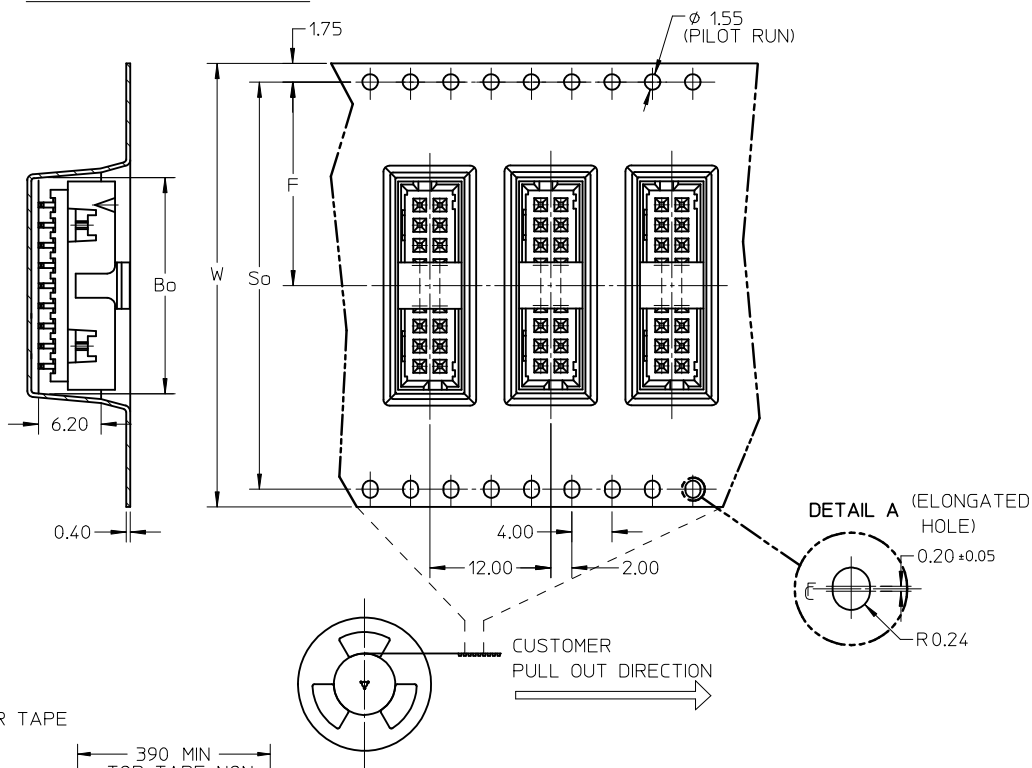
EMBOSSED CARRIER TAPE 'A'



P/N	W/CAP IN T&R	CKT SIZE	W	F	Bo	So	Ao	Ko	TYPE	T&R QUANTITY (PCS/REEL)
87832-0614		06	24.00	11.50	9.15	-	6.40	9.30	A	500
87832-0814		08	24.00	11.50	11.05	-	6.40	9.30	A	
87832-1014		10	24.00	11.50	13.05	-	6.40	9.30	A	
87832-1414		14	32.00	14.20	17.05	28.40	6.40	9.30	C	
87832-1614		16	32.00	14.20	19.05	28.40	6.40	9.30	C	
87832-1814		18	44.00	20.20	21.05	40.40	6.40	9.30	B	
87832-2014		20	44.00	20.20	23.05	40.40	6.40	9.30	C	
87832-3014		30	44.00	20.20	33.05	40.40	6.40	9.30	B	
87832-3414		34	56.00	26.20	37.05	52.40	6.40	9.30	B	

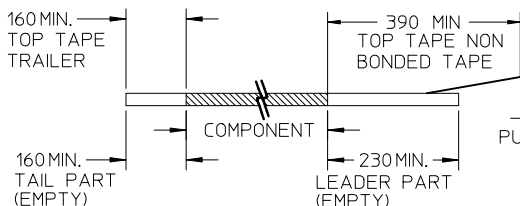
REVISED	EC NO: S2012-0647 2012/02/28 DRWN:SKANG CHKD:ATSEE 2012/04/30 APPR:MLONG 2012/05/03	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						DRAWN BY ATSEE	DATE 2003/10/14	TITLE MGRID, SHROUDED HEADER W/CAP, IN TUBE AND T&R SMT			
						CHECKED BY KCLING	DATE 2003/11/07				
						APPROVED BY SKTOH	DATE 2003/11/07				 MOLEX INCORPORATED
				ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87832-008			
B5	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

EMBOSSED CARRIER TAPE 'C'

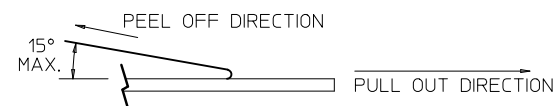


NOTES:

1. LEADER AND TRAILER TAPE



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



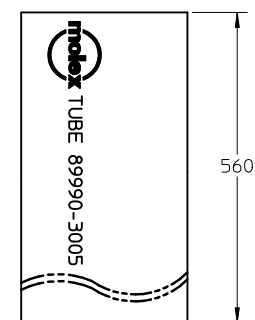
3. PACKAGING STANDARD IS AS PER EIA-481.

4. TAPE AND REEL QUANTITY = SEE TABLE ON SHEET 2

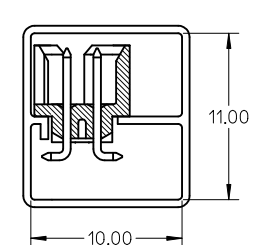
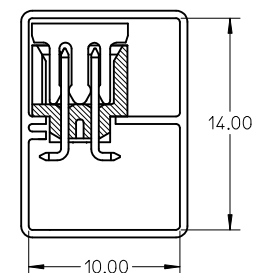
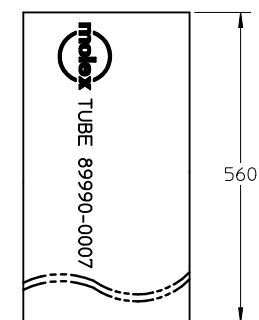
5. THE TAPE IS TREATED FOR ANTI-STATIC.

P/N W/CAP IN TUBE TUBE : 89990-3005	P/N W/O CAP IN TUBE TUBE : 89990-0007
87832-0616	87832-0612
87832-0816	87832-0812
87832-1416	87832-1412
87832-1816	87832-1812
87832-2016	87832-2012
87832-2616	87832-2612
87832-3016	87832-3012
87832-3416	87832-3412
87832-4016	87832-4012
87832-5016	87832-5012
87832-1016	87832-1012
87832-1616	87832-1612

ASSY WITH CAP TUBE



ASSY WITHOUT CAP IN TUBE



REV	DESCRIPTION	DATE	BY	APP
REVISED	EC NO: S2012-0647	2012/02/28	DRW:SKANG	
	CHKD:ATSEE	2012/04/30		
	APPR:MLONG	2012/05/03		
B5				

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	NTS	METRIC	
DRAWN BY	DATE	TITLE	
ATSEE	2003/10/14		
CHECKED BY	DATE		
KCL ING	2003/11/07		
APPROVED BY	DATE		
SKTOH	2003/11/07		
MATERIAL NO.			
SEE TABLE			

MGRID, SHROUDED HEADER W/CAP, IN TUBE AND T&R SMT	MOLEX INCORPORATED	SD-87832-008	3 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			