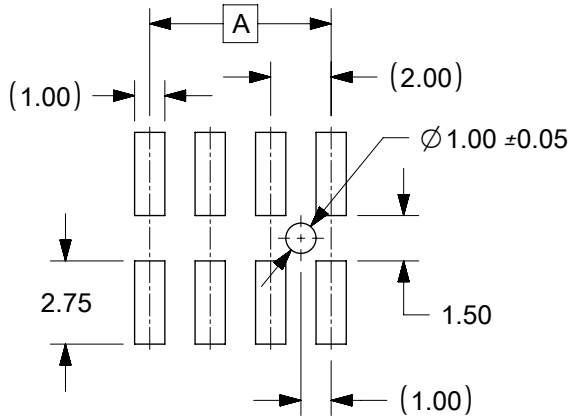
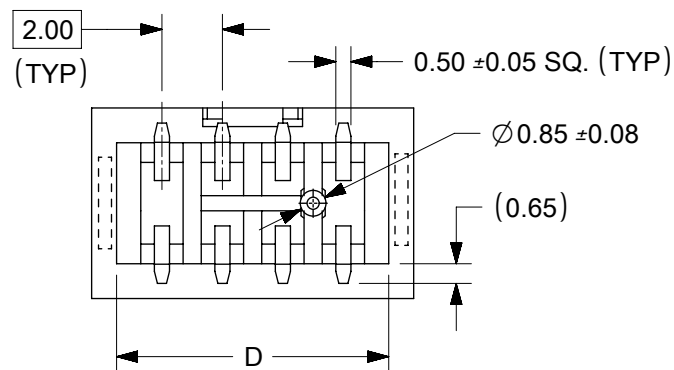
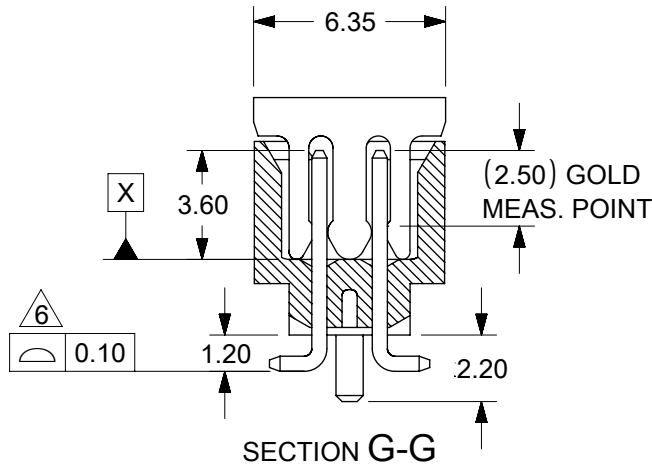
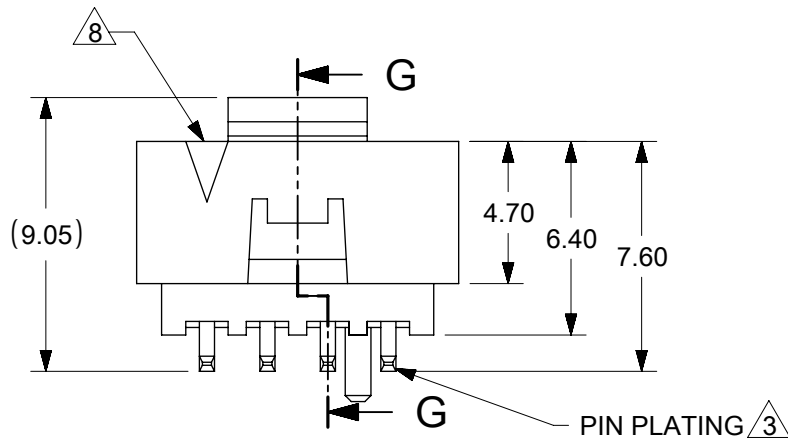
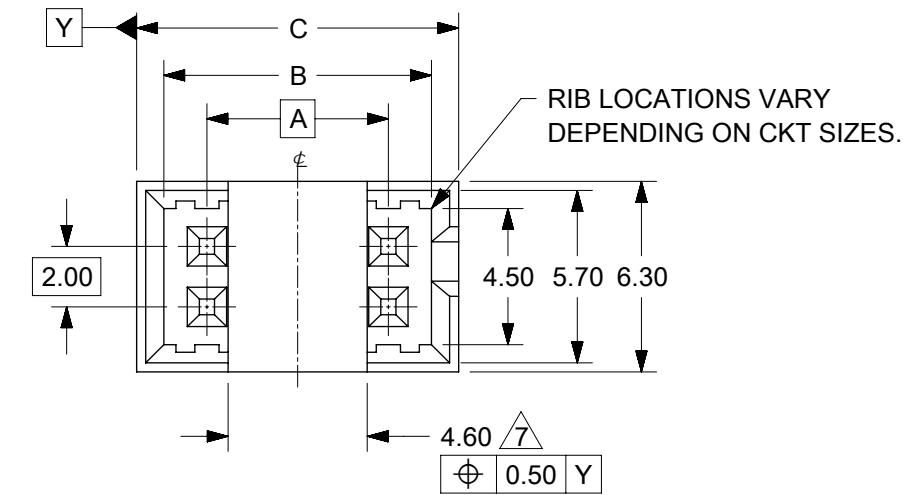


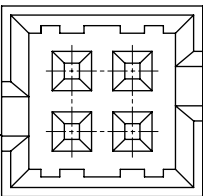
PEG OPTION	P/N WITH CAP IN TAPE & REEL		P/N WITH CAP IN TUBE		CKT SIZE	DIMENSION			
	15µin Gold	30µin Gold	15µin Gold	30µin Gold		A	B	C	D
NO	87832-0440	87832-0442	87832-0441	87832-0443	4	2.00	4.85	6.65	5.00
YES	87832-0640	87832-0642	87832-0641	87832-0643	6	4.00	6.85	8.65	7.00
YES	87832-0840	87832-0842	87832-0841	87832-0843	8	6.00	8.85	10.65	9.00
YES	87832-1040	87832-1042	87832-1041	87832-1043	10	8.00	10.85	12.65	11.00
YES	87832-1240	87832-1242	87832-1241	87832-1243	12	10.00	12.85	14.65	13.00
NO	---	87832-5242	---	87832-5243					



RECOMMENDED PCB PATTERN

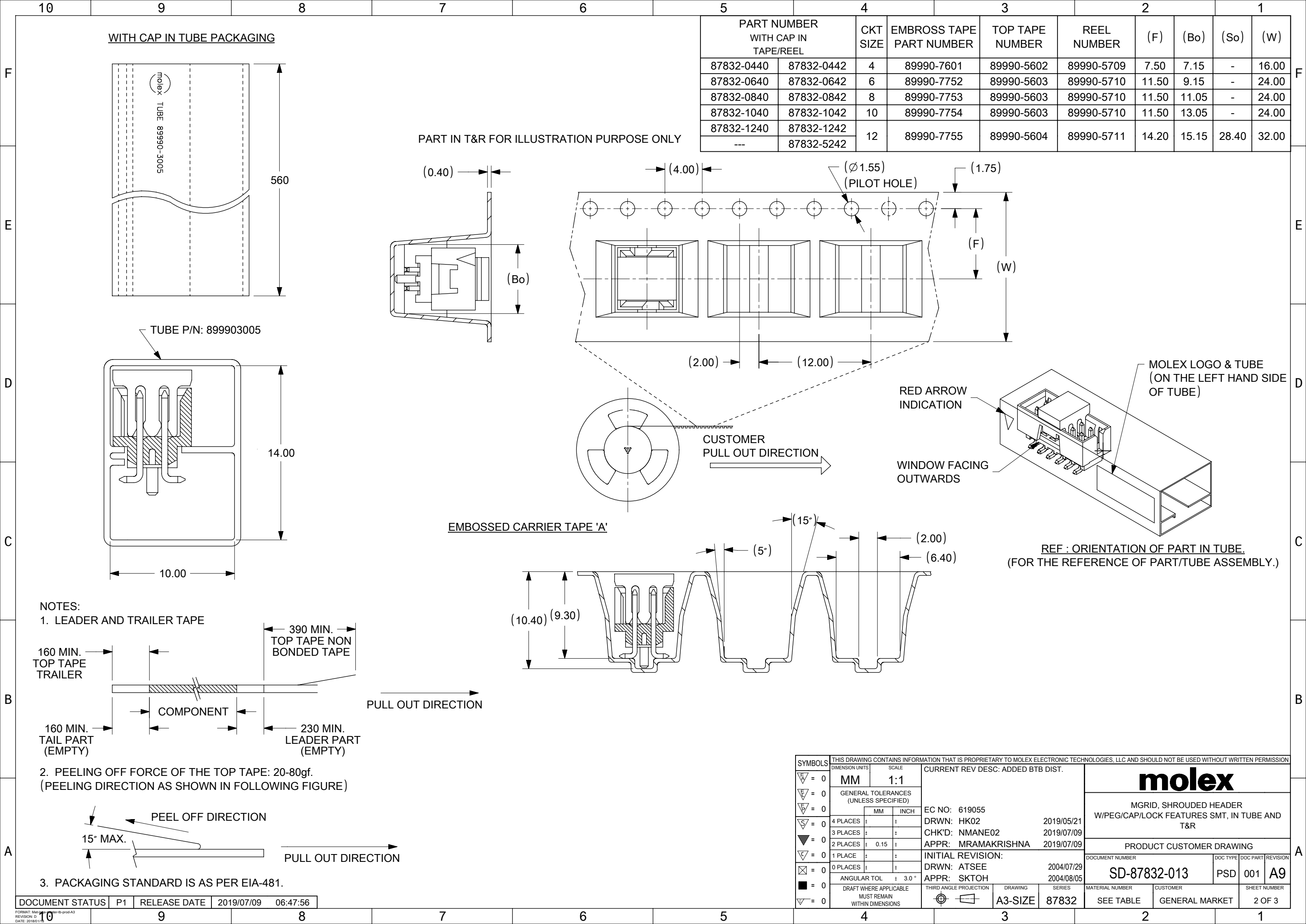
- NOTES:
- FOR ILLUSTRATION PURPOSES, 8 CIRCUIT SIZE WAFER IS SHOWN.
 - MATERIAL :
HOUSING & CAP : 30% G.F., NYLON 46, UL94V-0, COLOR BLACK.
PIN : 0.50mm SQ. PHOSPHOR BRONZE.
 - PLATING :
40, 41 - 0.38µm/15µin GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.
42, 43 - 0.76µm/30µin GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.
 - PIN PUSHOUT FORCE : 0.91kg MIN. IN EITHER DIRECTION.
 - PRODUCT SPECIFICATION PS-87831-027 APPLIES.
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE.
 - CAP TO BE POSITION IN THE CENTER OF HEADER FOR PICK AND PLACE.
 - CKT 4 & 6 HAS NO IDENTIFICATION TAG.
 - THIS HEADER MATES WITH MOLEX:
a) CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
b) 2mm MILLIGRID DUAL ROW IDT, 87568 SERIES.
 - PARTS SHALL BE PACKED IN MOISTURE BAG WITH DESICCANT GEL.
 - NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.

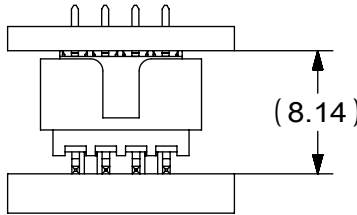
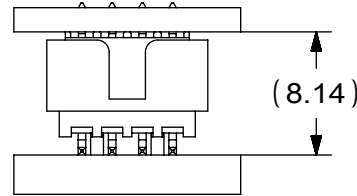
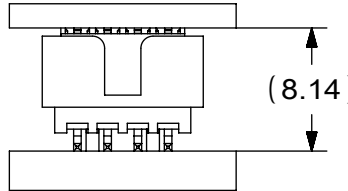
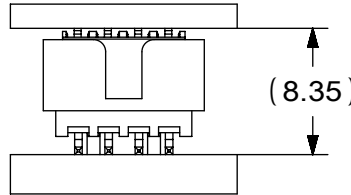
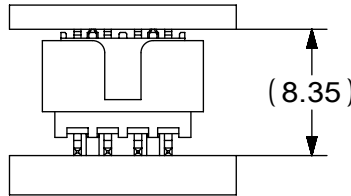
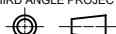
4 CKT:
BOTH SIDE WITH POLARIZATION SLOT
6 CKT & ABV:
ONLY 1 SIDE WITH POLARIZATION SLOT



4 CKT TOP VIEW

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED BTB DIST.					molex MGRID, SHROUDED HEADER W/PEG/CAP/LOCK FEATURES SMT, IN TUBE AND T&R				
	MM		1:1											
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055 DRWN: HK02 2019/05/21 CHK'D: NMANE02 2019/07/09 APPR: MRAMAKRISHNA 2019/07/09									
 = 0														
 = 0		MM	INCH	PRODUCT CUSTOMER DRAWING										
 = 0	4 PLACES	±	±	DOCUMENT NUMBER SD-87832-013 DOC TYPE PSD DOC PART 001 REVISION A9										
	3 PLACES	±	±											
 = 0	2 PLACES	± 0.15	±	INITIAL REVISION: DRWN: ATSEE 2004/07/29 APPR: SKTOH 2004/08/05										
	1 PLACE	±	±											
 = 0	0 PLACES	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
 = 0	ANGULAR TOL		± 3.0 °	THIRD ANGLE PROJECTION 										
 = 0	DRAFT WHERE APPLICABLE		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					A3-SIZE		87832		SEE TABLE		GENERAL MARKET		1 OF 3	
 = 0														



10	9	8	7	6	5	4	3	2	1
BOARD TO BOARD (BTB) DISTANCE									
HEADER	MATES WITH (RECEPTACLE)	BTB DIST.	PICTORIAL VIEW						
87832	79107	8.14							
	78787	8.14							
	79108	8.14							
	79109	8.35							
	78788	8.35							
SYMBOLS									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED BTB DIST.				molex	
mm		1:1		EC NO: 619055 DRWN: HK02 2019/05/21 CHK'D: NMANE02 2019/07/09 APPR: MRAMAKRISHNA 2019/07/09					
GENERAL TOLERANCES (UNLESS SPECIFIED)								MGRID, SHROUDED HEADER W/PEG/CAP/LOCK FEATURES SMT, IN TUBE AND T&R	
		MM	INCH						
4 PLACES		±	±						
3 PLACES		±	±						
2 PLACES		±	0.15	±					
1 PLACE		±	±						
0 PLACES		±	±						
ANGULAR TOL		± 3.0 °							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
				A3-SIZE	87832		GENERAL MARKET	3 OF 3	
DOCUMENT STATUS									
P1	RELEASE DATE	2019/07/09	06:47:56						
10	9	8	7	6	5	4	3	2	1