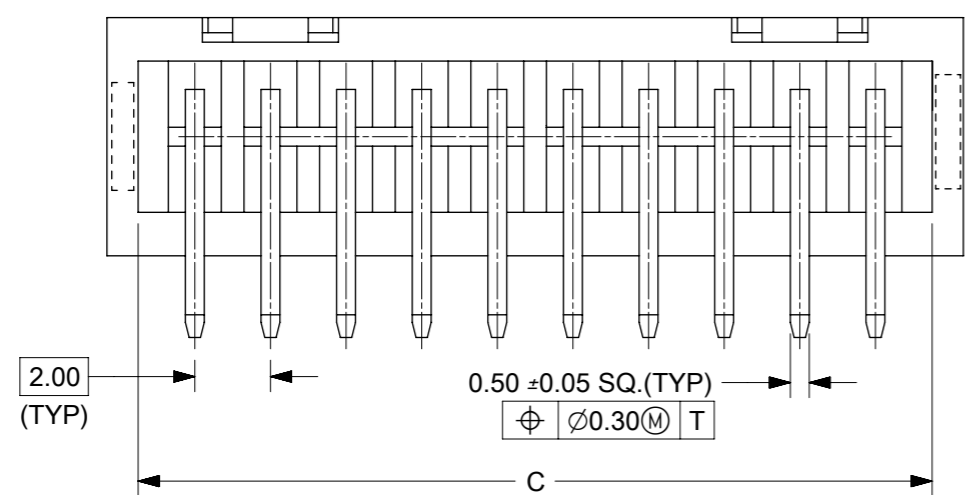
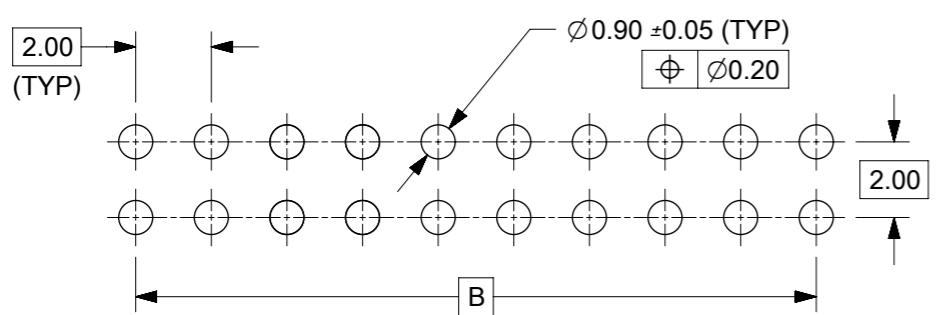


SECTION G-G

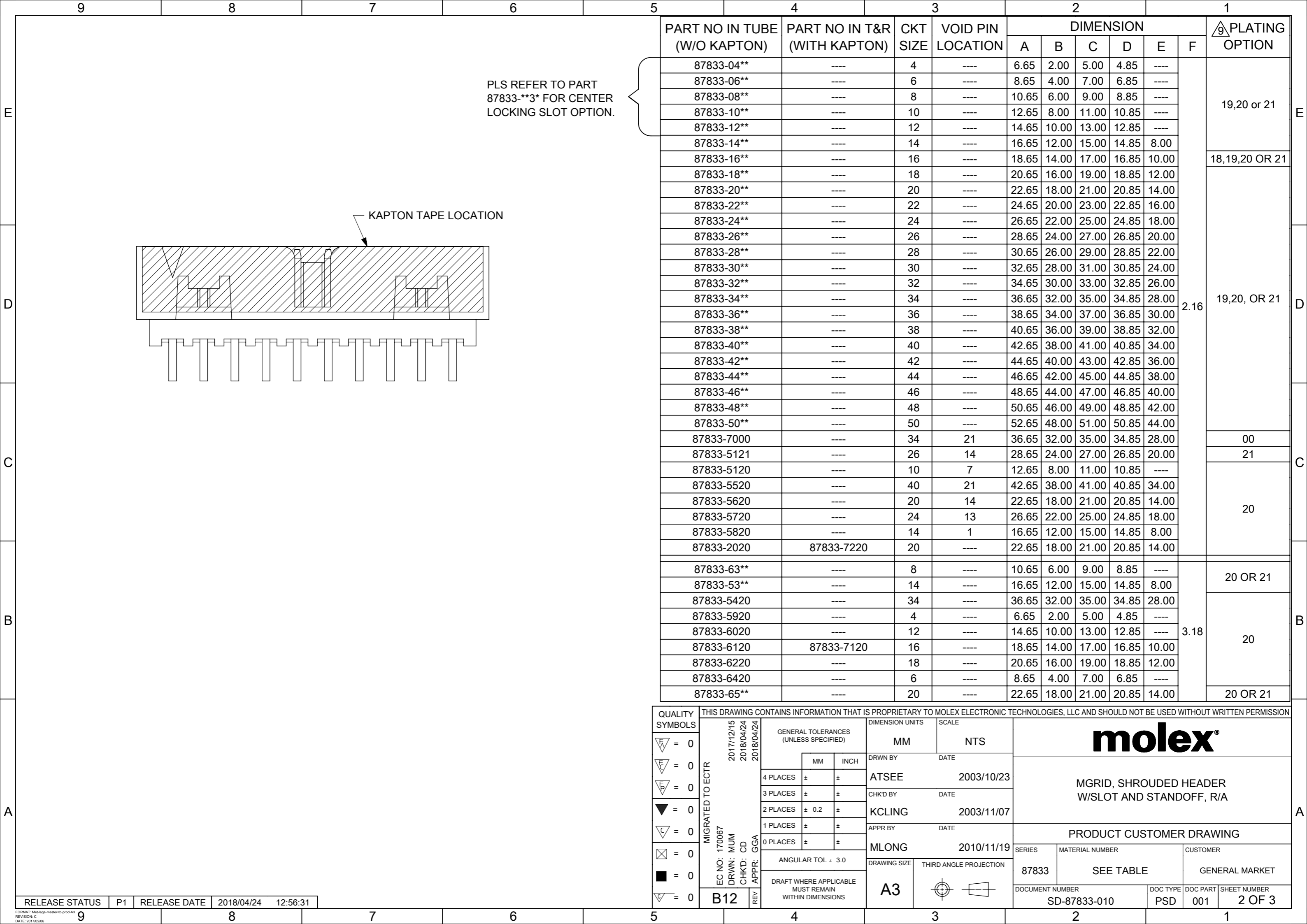


- NOTES:
- FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
 - MATERIAL :
HOUSING : NYLON GLASS-FILLED, UL94V-0, COLOR BLACK.
PIN : 0.50mm SQ.PHOSPHOR BRONZE.
 - PRODUCT SPECIFICATION PS-87831-027 APPLIES.
 - NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.
 - NO SIDE LOCKING SLOT FROM 4 TO 12 CKT SIZE.
 - 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 TO BE PACKED IN TUBE WITH MOISTURE BARRIER BAG.
 - PLATING SPECIFICATION REFERRED TO SHEET 2.
 - PACKAGING SPEC: PK-87831-001 FOR TUBE
PK-87831-300 FOR T&R

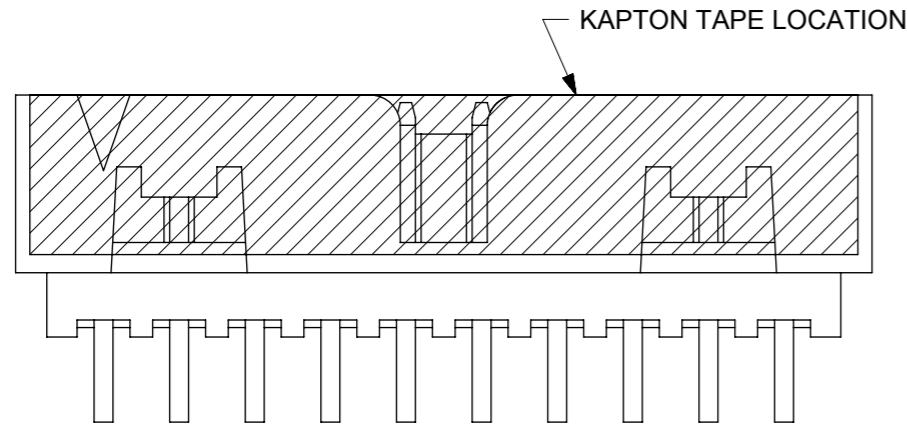


RECOMMENDED PCB PATTERN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
QUALITY SYMBOLS	MIGRATED TO ECTR		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE			
▽A = 0	2017/12/15	2018/04/24			MM	NTS				
▽E = 0	DRWN: MUM	CHK'D: CD			MM	INCH	DRWN BY	DATE	MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A	
▽B = 0	2018/04/24	2018/04/24			4 PLACES ±	±	ATSEE	2003/10/23		
▽ = 0	EC NO: 170067	REV APPR: GGA			3 PLACES ±	±	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING	
▽C = 0	2018/04/24	2018/04/24			2 PLACES ±	0.2	KCLING	2003/11/07		
▽ = 0	DRWN: MUM	CHK'D: CD			1 PLACES ±	±	APPR BY	DATE	SERIES: 87833 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET	
▽ = 0	2018/04/24	2018/04/24			0 PLACES ±	±	MLONG	2010/11/19		
▽ = 0	2018/04/24	2018/04/24			ANGULAR TOL = 3.0		DRAWING SIZE: A3		DOCUMENT NUMBER: SD-87833-010 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 1 OF 3	
▽ = 0	2018/04/24	2018/04/24			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION			



PLS REFER TO PART 87833-**3* FOR CENTER LOCKING SLOT OPTION.



PART NO IN TUBE (W/O KAPTON)	PART NO IN T&R (WITH KAPTON)	CKT SIZE	VOID PIN LOCATION	DIMENSION						PLATING OPTION
				A	B	C	D	E	F	
87833-04**	----	4	----	6.65	2.00	5.00	4.85	----	19,20 or 21	
87833-06**	----	6	----	8.65	4.00	7.00	6.85	----		
87833-08**	----	8	----	10.65	6.00	9.00	8.85	----		
87833-10**	----	10	----	12.65	8.00	11.00	10.85	----		
87833-12**	----	12	----	14.65	10.00	13.00	12.85	----		
87833-14**	----	14	----	16.65	12.00	15.00	14.85	8.00		
87833-16**	----	16	----	18.65	14.00	17.00	16.85	10.00		
87833-18**	----	18	----	20.65	16.00	19.00	18.85	12.00		
87833-20**	----	20	----	22.65	18.00	21.00	20.85	14.00		
87833-22**	----	22	----	24.65	20.00	23.00	22.85	16.00		
87833-24**	----	24	----	26.65	22.00	25.00	24.85	18.00		
87833-26**	----	26	----	28.65	24.00	27.00	26.85	20.00		
87833-28**	----	28	----	30.65	26.00	29.00	28.85	22.00		
87833-30**	----	30	----	32.65	28.00	31.00	30.85	24.00		
87833-32**	----	32	----	34.65	30.00	33.00	32.85	26.00		
87833-34**	----	34	----	36.65	32.00	35.00	34.85	28.00		
87833-36**	----	36	----	38.65	34.00	37.00	36.85	30.00		
87833-38**	----	38	----	40.65	36.00	39.00	38.85	32.00		
87833-40**	----	40	----	42.65	38.00	41.00	40.85	34.00		
87833-42**	----	42	----	44.65	40.00	43.00	42.85	36.00		
87833-44**	----	44	----	46.65	42.00	45.00	44.85	38.00		
87833-46**	----	46	----	48.65	44.00	47.00	46.85	40.00		
87833-48**	----	48	----	50.65	46.00	49.00	48.85	42.00		
87833-50**	----	50	----	52.65	48.00	51.00	50.85	44.00		
87833-7000	----	34	21	36.65	32.00	35.00	34.85	28.00	00	
87833-5121	----	26	14	28.65	24.00	27.00	26.85	20.00	21	
87833-5120	----	10	7	12.65	8.00	11.00	10.85	----	20	
87833-5520	----	40	21	42.65	38.00	41.00	40.85	34.00		
87833-5620	----	20	14	22.65	18.00	21.00	20.85	14.00		
87833-5720	----	24	13	26.65	22.00	25.00	24.85	18.00		
87833-5820	----	14	1	16.65	12.00	15.00	14.85	8.00		
87833-2020	87833-7220	20	----	22.65	18.00	21.00	20.85	14.00		
87833-63**	----	8	----	10.65	6.00	9.00	8.85	----	20 OR 21	
87833-53**	----	14	----	16.65	12.00	15.00	14.85	8.00		
87833-5420	----	34	----	36.65	32.00	35.00	34.85	28.00	20	
87833-5920	----	4	----	6.65	2.00	5.00	4.85	----		
87833-6020	----	12	----	14.65	10.00	13.00	12.85	----		
87833-6120	87833-7120	16	----	18.65	14.00	17.00	16.85	10.00		
87833-6220	----	18	----	20.65	16.00	19.00	18.85	12.00		
87833-6420	----	6	----	8.65	4.00	7.00	6.85	----		
87833-65**	----	20	----	22.65	18.00	21.00	20.85	14.00		
										20 OR 21

RELEASE STATUS P1 RELEASE DATE 2018/04/24 12:56:31

QUALITY SYMBOLS ▽A = 0 ▽E = 0 ▽B = 0 ▼ = 0 ▽C = 0 ⊠ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	MIGRATED TO ECTR EC NO: 170067 DRWN: MUM CHKD: CD REV APPR: GGA	2017/12/15		2018/04/24		2018/04/24		2018/04/24							
		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION UNITS		SCALE							
						MM		NTS							
		4 PLACES ±				MM		INCH		DRWN BY		DATE			
		3 PLACES ±				ATSEE		2003/10/23		MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A					
		2 PLACES ± 0.2				KCLING		2003/11/07							
		1 PLACES ±				APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
		0 PLACES ±				MLONG		2010/11/19							
		ANGULAR TOL = 3.0				DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3				87833		SEE TABLE		GENERAL MARKET			
								DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
				B12				SD-87833-010		PSD		001		2 OF 3	

PART NO IN TUBE (W/O KAPTON)	CKT SIZE	VOID PIN LOCATION	DIMENSION						PLATING OPTION
			A	B	C	D	E	F	
87833-6620	28	-	30.65	26.00	29.00	28.85	22.00	3.18	20
87833-67**	30	-	32.65	28.00	31.00	30.85	24.00		20 OR 21
87833-6920	24	-	26.65	22.00	25.00	24.85	18.00	3.27	20

PART NUMBER LEGEND :

87833 - * * * *

- 9 PLATING OPTIONS:
- 18 - 0.38µm/15µin PdNi WITH GOLD FLASH IN CONTACT AREA AND 1.88µm/75µin MIN.TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.
 - 19 - 0.05 - 0.13µm/2 - 5µin GOLD IN CONTACT AREA AND 1.88µm/75µin MIN.TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.
 - 00/ 20 - 0.38µm/15µin GOLD IN CONTACT AREA AND 1.88µm/75µin MIN.TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.
 - 21 - 0.76µm/30µin GOLD IN CONTACT AREA AND 1.88µm/75µin MIN.TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
QUALITY SYMBOLS 	MIGRATED TO ECTR		EC NO: 170067 DRWN: MUM CHKD: CD REV APPR: GGA		2017/12/15 2018/04/24 2018/04/24		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS MM INCH		SCALE NTS	
	4 PLACES ± ±		ATSEE		2003/10/23		DRWN BY		DATE		 MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A	
	3 PLACES ± ±		KCLING		2003/11/07		CHK'D BY		DATE			
	2 PLACES ± 0.2 ±		MLONG		2010/11/19		APPR BY		DATE			
	1 PLACES ± ±		DRAWING SIZE		A3		THIRD ANGLE PROJECTION					
	0 PLACES ± ±		ANGULAR TOL = 3.0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES		MATERIAL NUMBER			
	RELEASE STATUS P1 RELEASE DATE 2018/04/24 12:56:31		B12		87833		SEE TABLE		GENERAL MARKET		DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER SD-87833-010 PSD 001 3 OF 3	