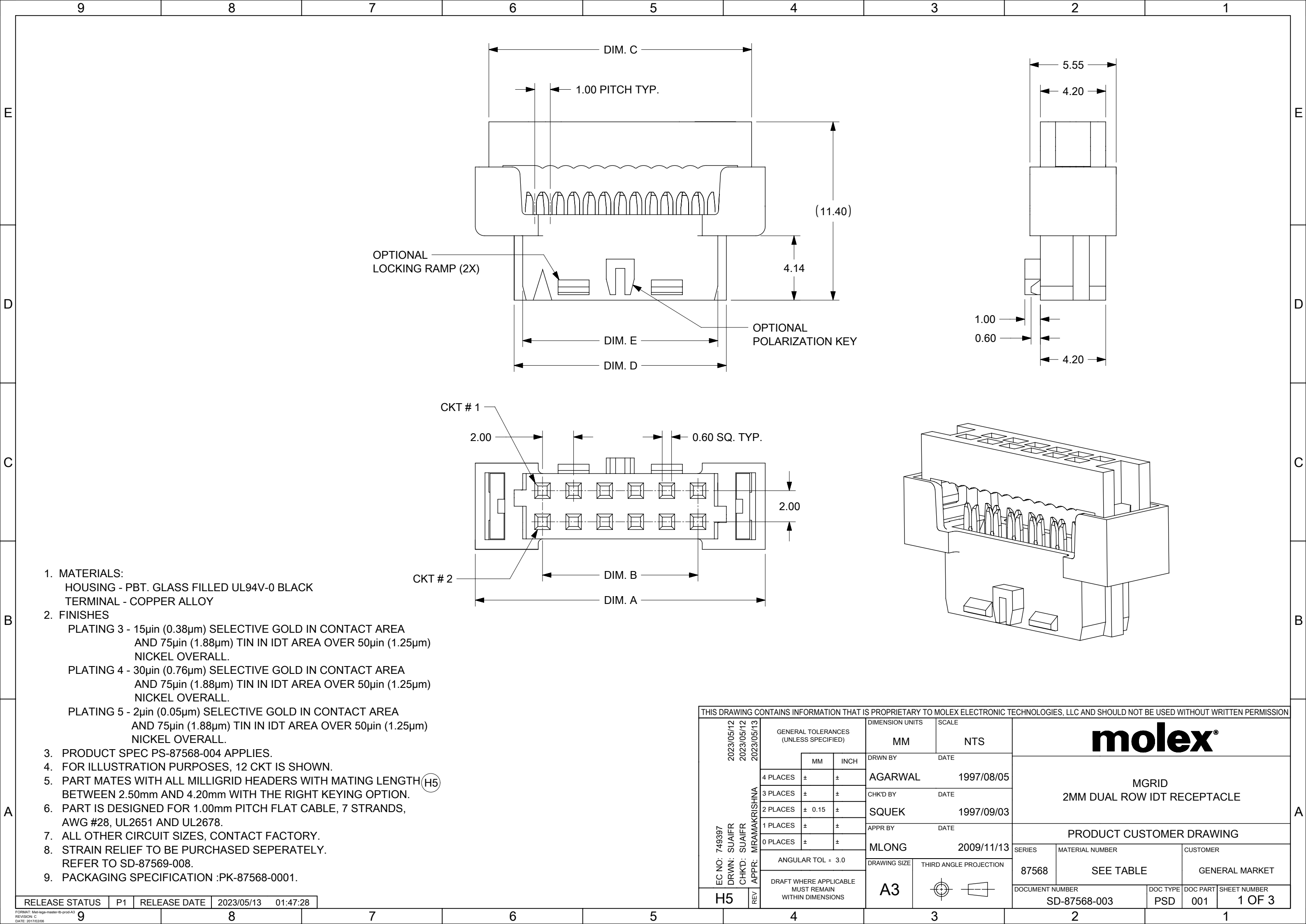
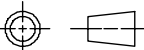
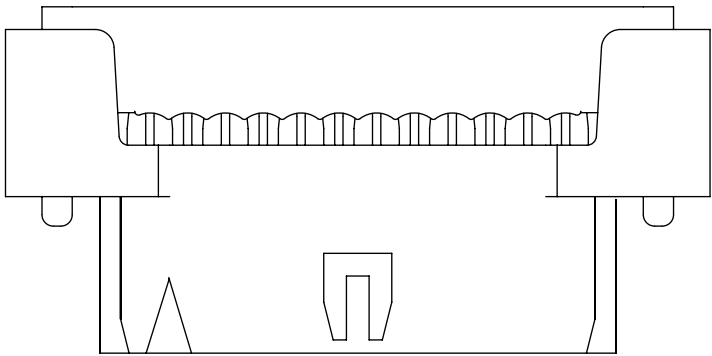




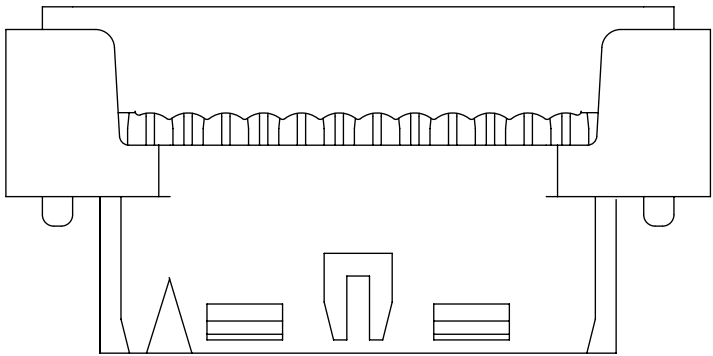
1. MATERIALS:
HOUSING - PBT. GLASS FILLED UL94V-0 BLACK
TERMINAL - COPPER ALLOY
2. FINISHES
PLATING 3 - 15µin (0.38µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
PLATING 4 - 30µin (0.76µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
PLATING 5 - 2µin (0.05µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
3. PRODUCT SPEC PS-87568-004 APPLIES.
4. FOR ILLUSTRATION PURPOSES, 12 CKT IS SHOWN.
5. PART MATES WITH ALL MILLIGRID HEADERS WITH MATING LENGTH (H5)
BETWEEN 2.50mm AND 4.20mm WITH THE RIGHT KEYING OPTION.
6. PART IS DESIGNED FOR 1.00mm PITCH FLAT CABLE, 7 STRANDS,
AWG #28, UL2651 AND UL2678.
7. ALL OTHER CIRCUIT SIZES, CONTACT FACTORY.
8. STRAIN RELIEF TO BE PURCHASED SEPERATELY.
REFER TO SD-87569-008.
9. PACKAGING SPECIFICATION :PK-87568-0001.

RELEASE STATUS	P1	RELEASE DATE	2023/05/13	01:47:28
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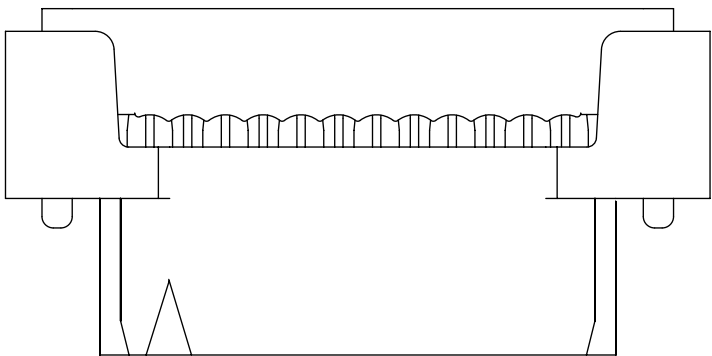
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
EC NO: 749397 DRWN: SUAIFR CHKD: SUAIFR APPR: MRAMAKRISHNA	2023/05/12 2023/05/12 2023/05/13	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®							
			MM	INCH	MM		NTS									
		4 PLACES	±		±	DRWN BY		DATE		MGRID 2MM DUAL ROW IDT RECEPTACLE						
						AGARWAL		1997/08/05								
		3 PLACES	±		±	CHK'D BY		DATE								
						SQUEK		1997/09/03								
		2 PLACES	±	0.15	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING						
		1 PLACES	±		±											
		0 PLACES	±		±	MLONG		2009/11/13								
		ANGULAR TOL ± 3.0				DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3				87568		SEE TABLE		GENERAL MARKET				
								DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
H5		REV							SD-87568-003		PSD		001		1 OF 3	



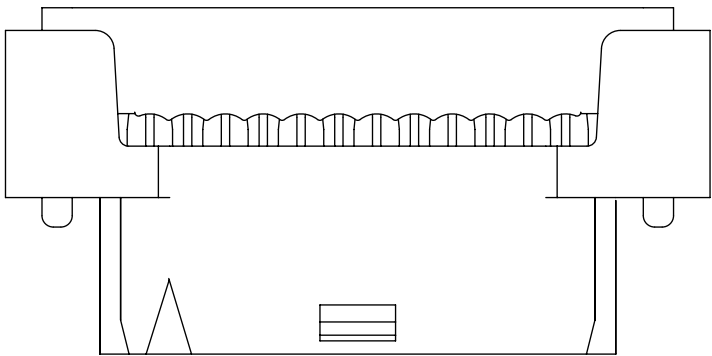
87568-**4*
POLARIZATION ONLY
(APPLICABLE FOR 14 TO 50CKT)



87568-**9*
POLARIZATION AND RAMP LOCKING
(APPLICABLE FOR 14 TO 50 CKT)

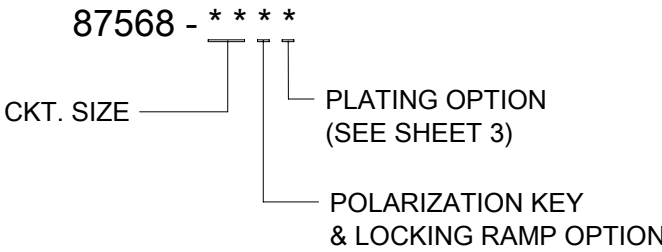


87568-**6*
NO POLARIZATION/RAMP FEATURE
(APPLICABLE FOR 10 TO 50 CKT)



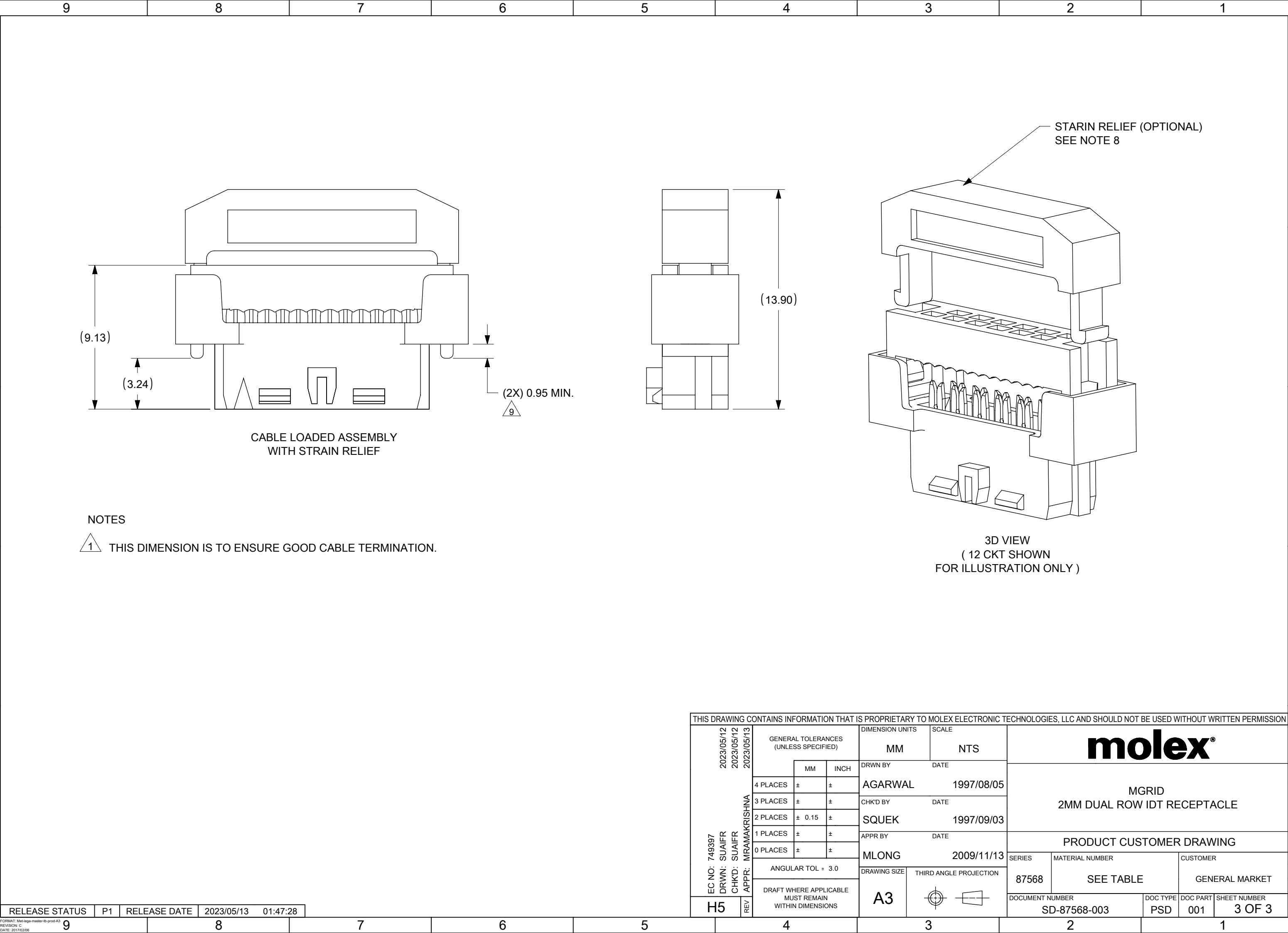
87568-**7*
SINGLE RAMP LOCKING ONLY
(APPLICABLE FOR 10 TO 12 CKT)

ENGINEERING NUMBER	CKT. SIZE	A	B	C	D	E
87568-10**	10	16.65	8.00	14.90	11.65	10.55
87568-12**	12	18.65	10.00	16.90	13.65	12.55
87568-14**	14	20.65	12.00	18.90	15.65	14.55
87568-16**	16	22.65	14.00	20.90	17.65	16.55
87568-20**	20	26.65	18.00	24.90	21.65	20.55
87568-22**	22	28.65	20.00	26.90	23.65	22.55
87568-24**	24	30.65	22.00	28.90	25.65	24.55
87568-26**	26	32.65	24.00	30.90	27.65	26.55
87568-30**	30	36.65	28.00	34.90	31.65	30.55
87568-32**	32	38.65	30.00	36.90	33.65	32.55
87568-34**	34	40.65	32.00	38.90	35.65	34.55
87568-36**	36	42.65	34.00	40.90	37.65	36.55
87568-40**	40	46.65	38.00	44.90	41.65	40.55
87568-44**	44	50.65	42.00	48.90	45.65	44.55
87568-50**	50	56.65	48.00	54.90	51.65	50.55



- 4 - WITH POLARIZATION ONLY FOR 14-50 CKT
6 - WITHOUT POLARIZATION AND RAMP LOCKING
7 - WITH SINGLE RAMP LOCKING ONLY FOR 10 & 12 CKT
9 - WITH POLARIZATION AND RAMP LOCKING 14 - 50 CKT
10-12 CIRCUIT SIZE HAS ONLY ONE RAMP FOR LOCKING (OPTIONAL)
14-50 CIRCUIT SIZE HAS BOTH POLARIZATION AND RAMP LOCKING (OPTIONAL)

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EC NO: 749397 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA	2023/05/12 2023/05/12 2023/05/13	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MGRID 2MM DUAL ROW IDT RECEPTACLE						
			MM	INCH	DRWN BY		DATE								
		4 PLACES	±	±	AGARWAL		1997/08/05								
		3 PLACES	±	±	CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING						
		2 PLACES	± 0.15	±	SQUEK		1997/09/03								
		1 PLACES	±	±	APPR BY		DATE								
		0 PLACES	±	±	MLONG		2009/11/13		SERIES 87568 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET						
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3										
		H5	REV	DOCUMENT NUMBER SD-87568-003 DOC TYPE PSD DOC PART 001 SHEET NUMBER 2 OF 3											



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
2023/05/12 2023/05/12 2023/05/13 EC NO: 749397 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA H5 REV GENERAL TOLERANCES (UNLESS SPECIFIED) MM INCH 4 PLACES ± ± 3 PLACES ± ± 2 PLACES ± 0.15 ± 1 PLACES ± ± 0 PLACES ± ± ANGULAR TOL ± 3.0 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION UNITS MM SCALE NTS DRWN BY AGARWAL DATE 1997/08/05 CHK'D BY SQUEK DATE 1997/09/03 APPR BY MLONG DATE 2009/11/13 DRAWING SIZE A3 THIRD ANGLE PROJECTION molex® MGRID 2MM DUAL ROW IDT RECEPTACLE PRODUCT CUSTOMER DRAWING SERIES 87568 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET DOCUMENT NUMBER SD-87568-003 DOC TYPE PSD DOC PART 001 SHEET NUMBER 3 OF 3																	
RELEASE STATUS		P1	RELEASE DATE		2023/05/13	01:47:28											
9		8		7		6		5		4		3		2		1	
FORMAT: Met-lega-master-4b-prod-A3																	
REVISION: C																	
DATE: 2017/02/06																	