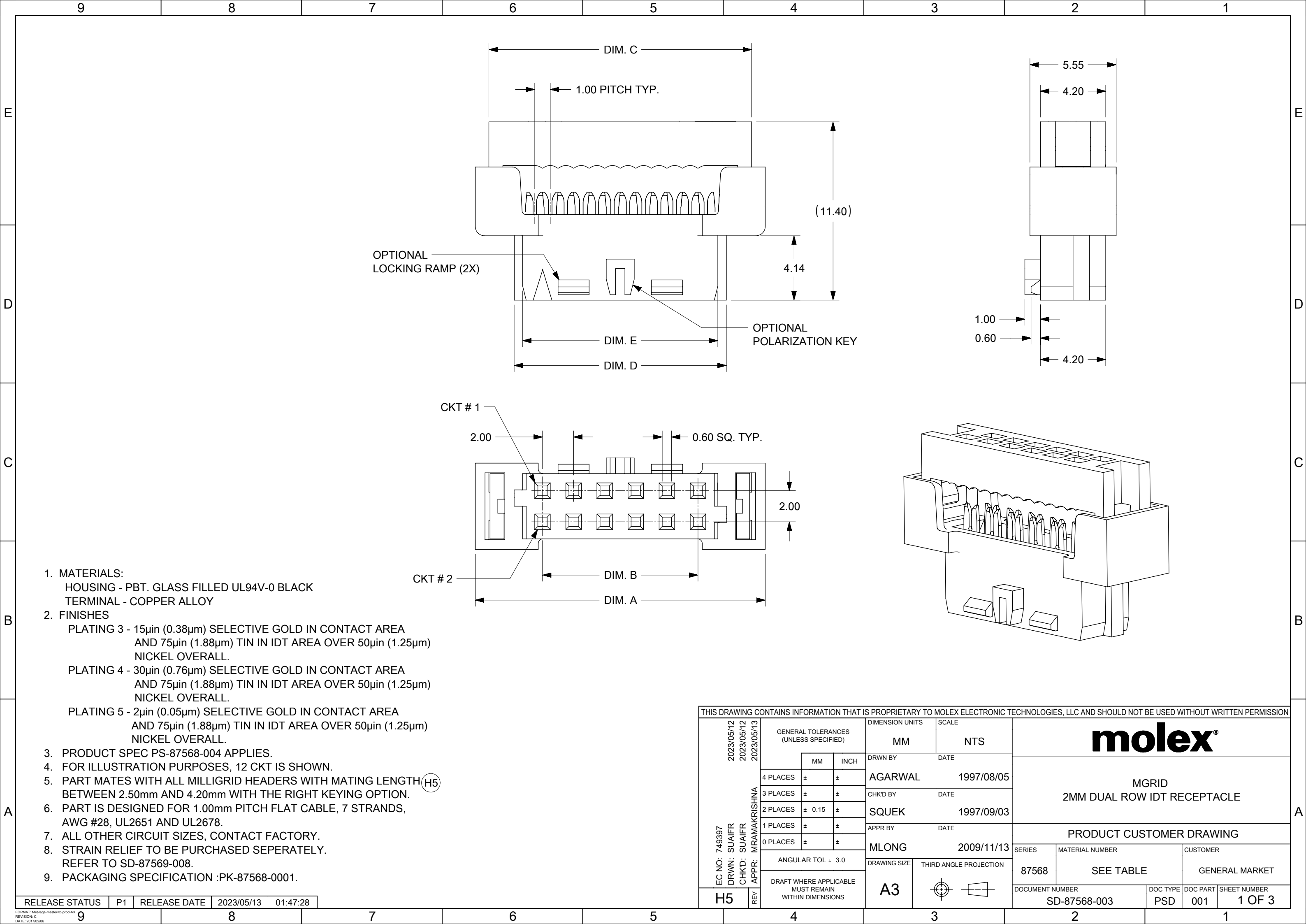
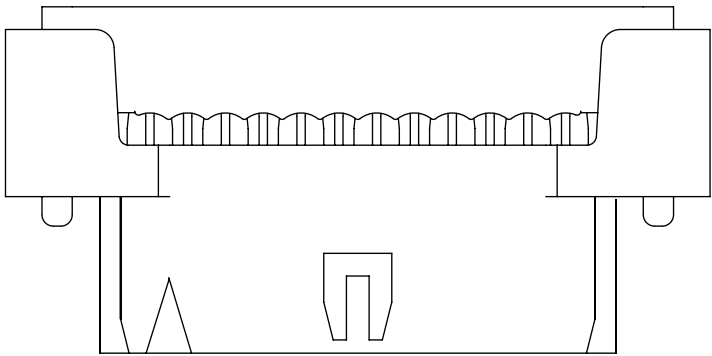




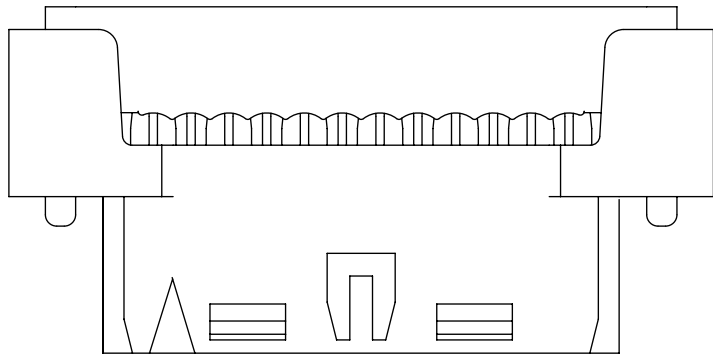
1. MATERIALS:
HOUSING - PBT. GLASS FILLED UL94V-0 BLACK
TERMINAL - COPPER ALLOY
2. FINISHES
PLATING 3 - 15µin (0.38µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
PLATING 4 - 30µin (0.76µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN 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.

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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®							
			MM	INCH	MM		NTS									
		4 PLACES	±	±	DRWN BY		DATE									
							AGARWAL		1997/08/05		MGRID 2MM DUAL ROW IDT RECEPTACLE					
		3 PLACES	±	±	CHK'D BY		DATE									
		2 PLACES	±	0.15	±	SQUEK		1997/09/03								
		1 PLACES	±	±	APPR BY		DATE									
		0 PLACES	±	±	MLONG		2009/11/13		PRODUCT CUSTOMER DRAWING							
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				SERIES	MATERIAL NUMBER			CUSTOMER			
H5		REV						87568	SEE TABLE			GENERAL MARKET				
								DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER			
								SD-87568-003			PSD	001	1 OF 3			

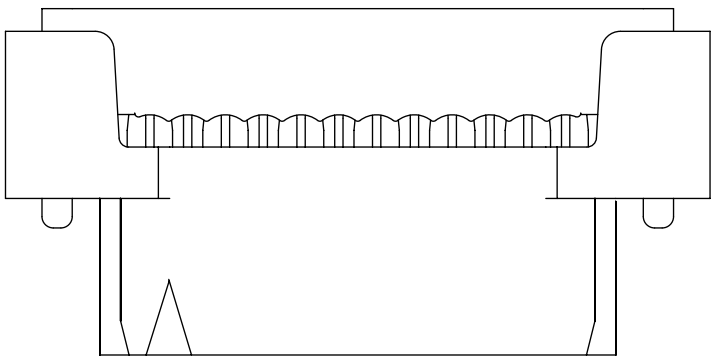
RELEASE STATUS	P1	RELEASE DATE	2023/05/13	01:47:28
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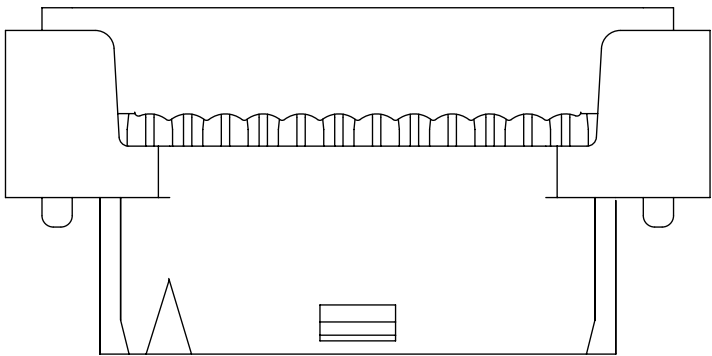
87568-**4*
POLARIZATION ONLY
(APPLICABLE FOR 14 TO 50CKT)



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

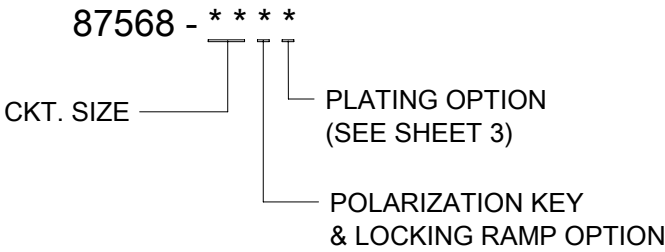


87568-**6*
NO POLARIZATION/RAMP FEATURE
(APPLICABLE FOR 10 TO 50 CKT)

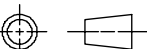


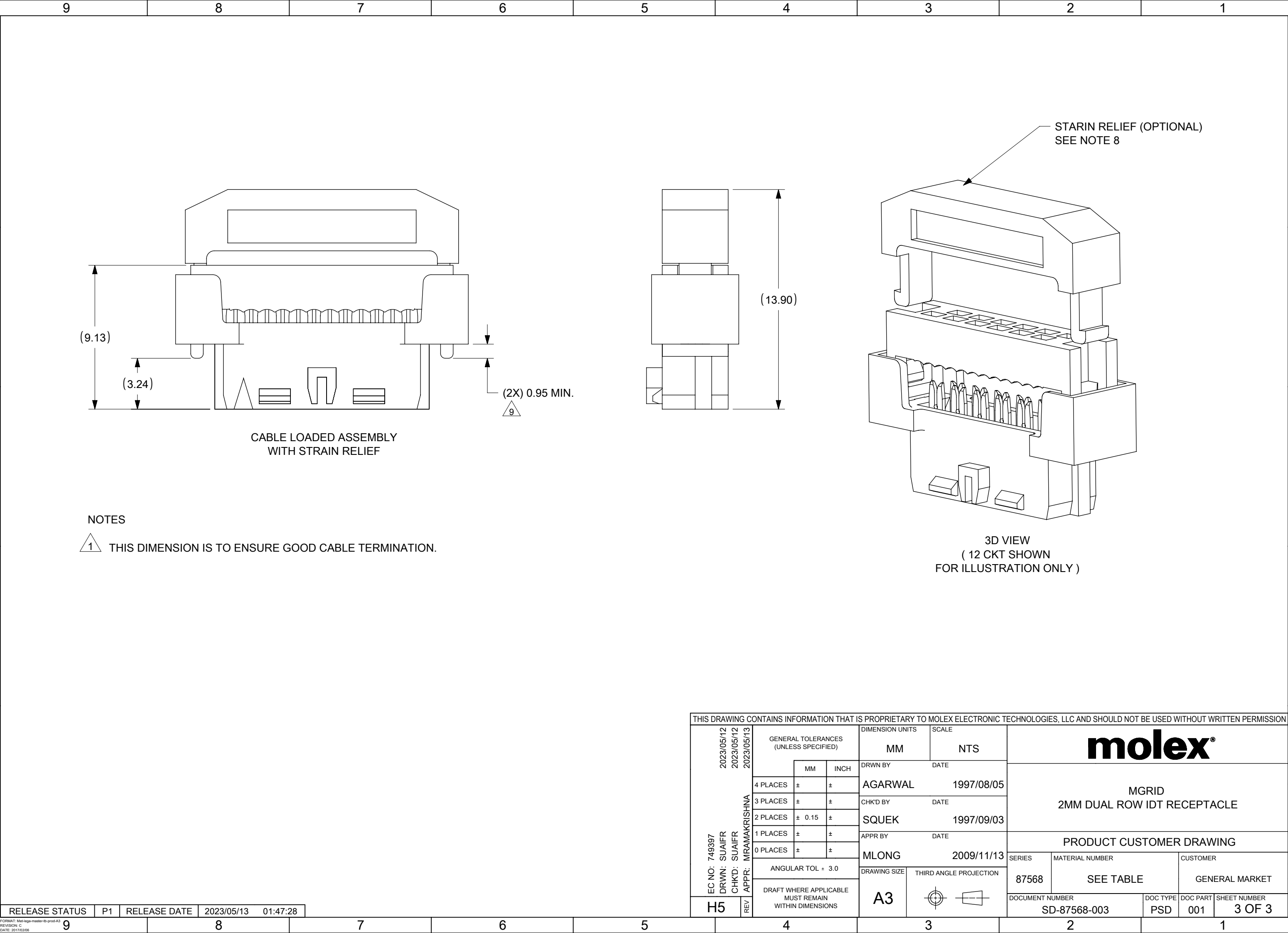
87568-**7*
SINGLE RAMP LOCKING ONLY
(APPLICABLE FOR 10 TO 12 CKT)

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						
		2 PLACES	± 0.15	±	SQUEK		1997/09/03						
		1 PLACES	±	±	APPR BY		DATE						
		0 PLACES	±	±	MLONG		2009/11/13		PRODUCT CUSTOMER DRAWING				
		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	2 OF 3	



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 CHK'D: 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		±	±	AGARWAL		1997/08/05		MGRID 2MM DUAL ROW IDT RECEPTACLE							
			3 PLACES		±	±	CHK'D BY		DATE									
			2 PLACES		±	0.15	±	SQUEK		1997/09/03								
			1 PLACES		±	±	APPR BY		DATE									
			0 PLACES		±	±	MLONG		2009/11/13		PRODUCT CUSTOMER DRAWING							
			ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3					SERIES		MATERIAL NUMBER		CUSTOMER			
			H5		REV								87568		SEE TABLE		GENERAL MARKET	
										DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
										SD-87568-003		PSD		001		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-ib-prod-A3 REVISION: C DATE: 2017/02/08																		