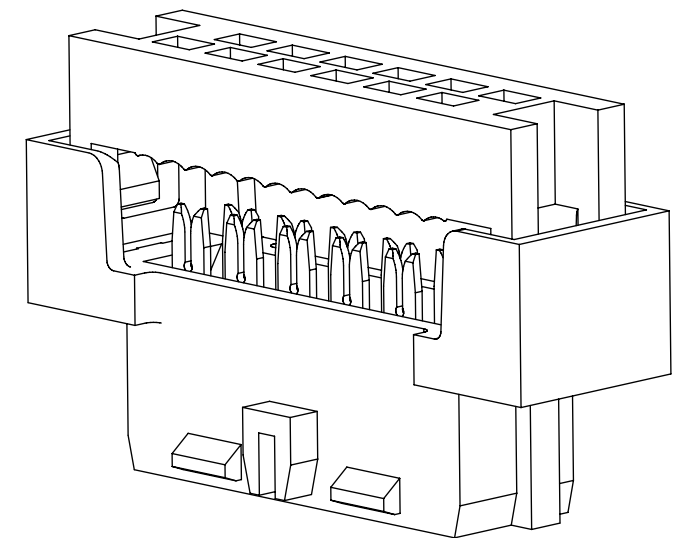
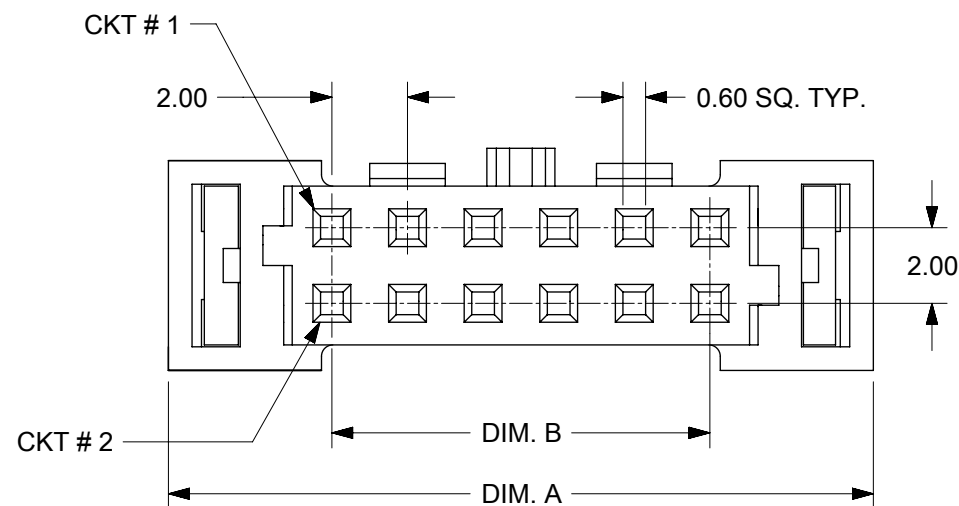
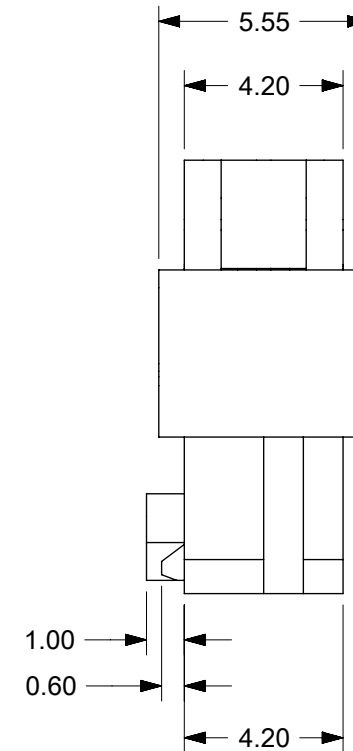
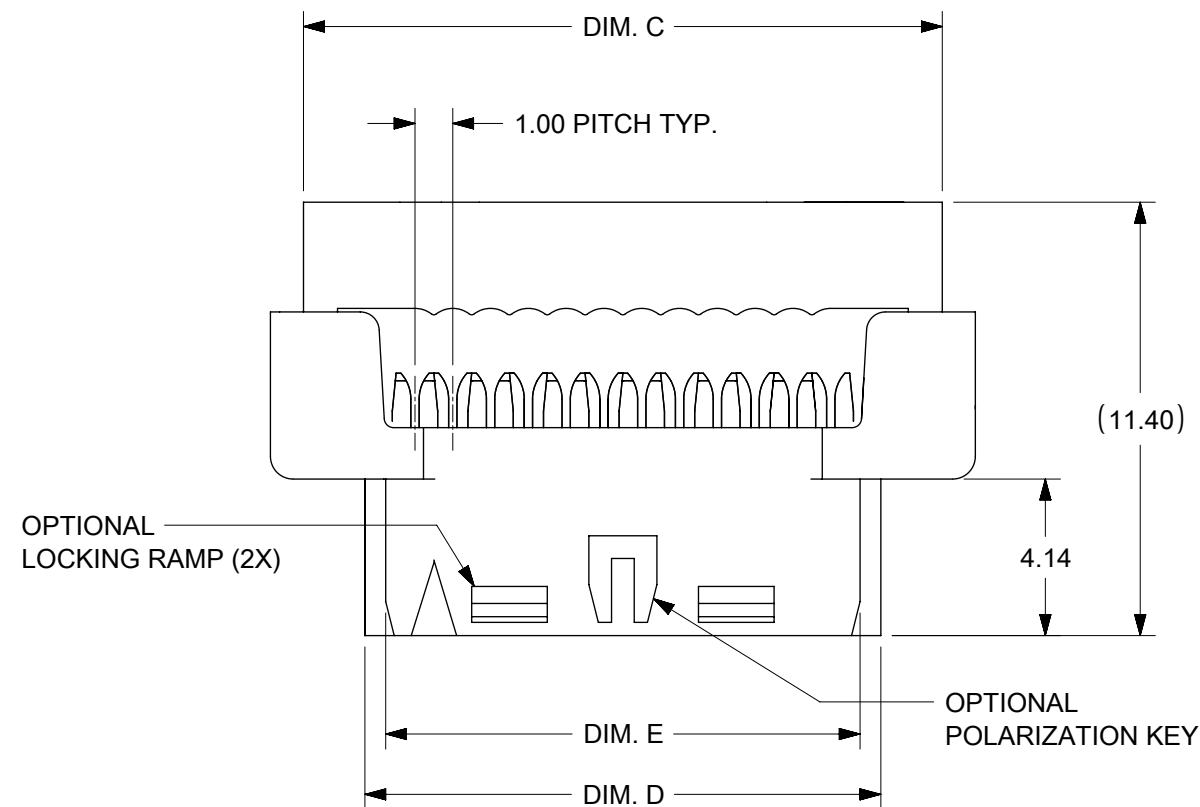
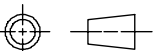
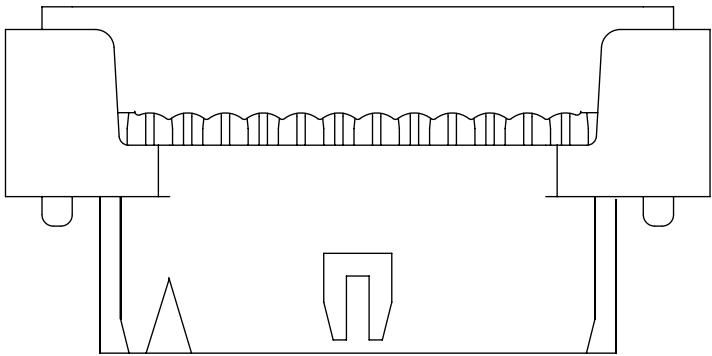


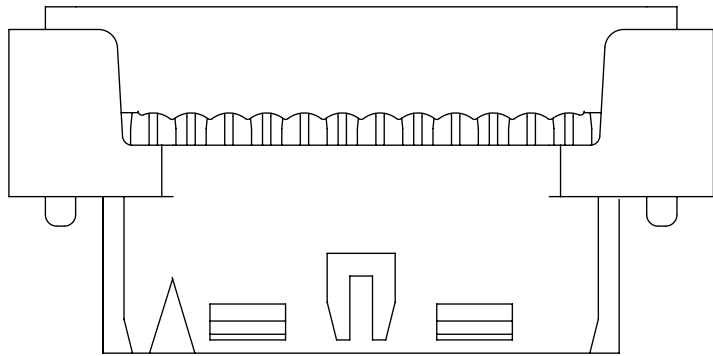


1. MATERIALS:
- HOUSING - PBT. GLASS FILLED UL94V-0 BLACK
- TERMINAL - COPPER ALLOY
2. FINISHES
- PLATING 3 - 15µin (0.38µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
- PLATING 4 - 30µin (0.76µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm)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

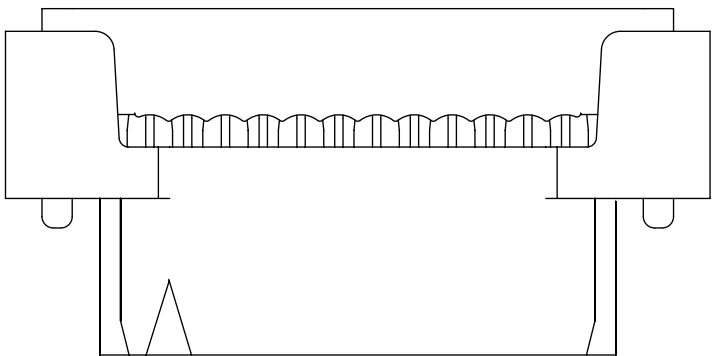
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
EC NO: 749397 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA	2023/05/12 2023/05/12 2023/05/13	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®					
					MM		NTS							
			MM	INCH	DRWN BY		DATE		MGRID 2MM DUAL ROW IDT RECEPTACLE					
		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	
H5		REV							DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
									SD-87568-003		PSD	001	1 OF 3	



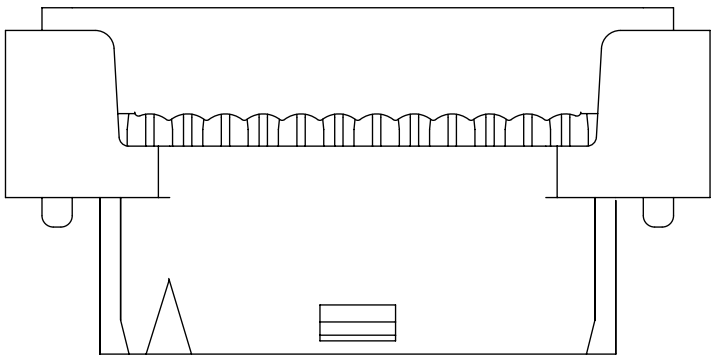
87568-**4*
POLARIZATION ONLY
(APPLICABLE FOR 14 TO 50CKT)



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

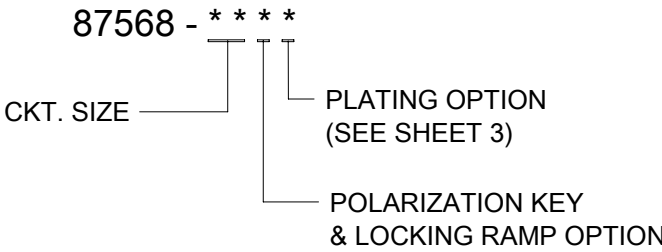


87568-**6*
NO POLARIZATION/RAMP FEATURE
(APPLICABLE FOR 10 TO 50 CKT)

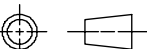


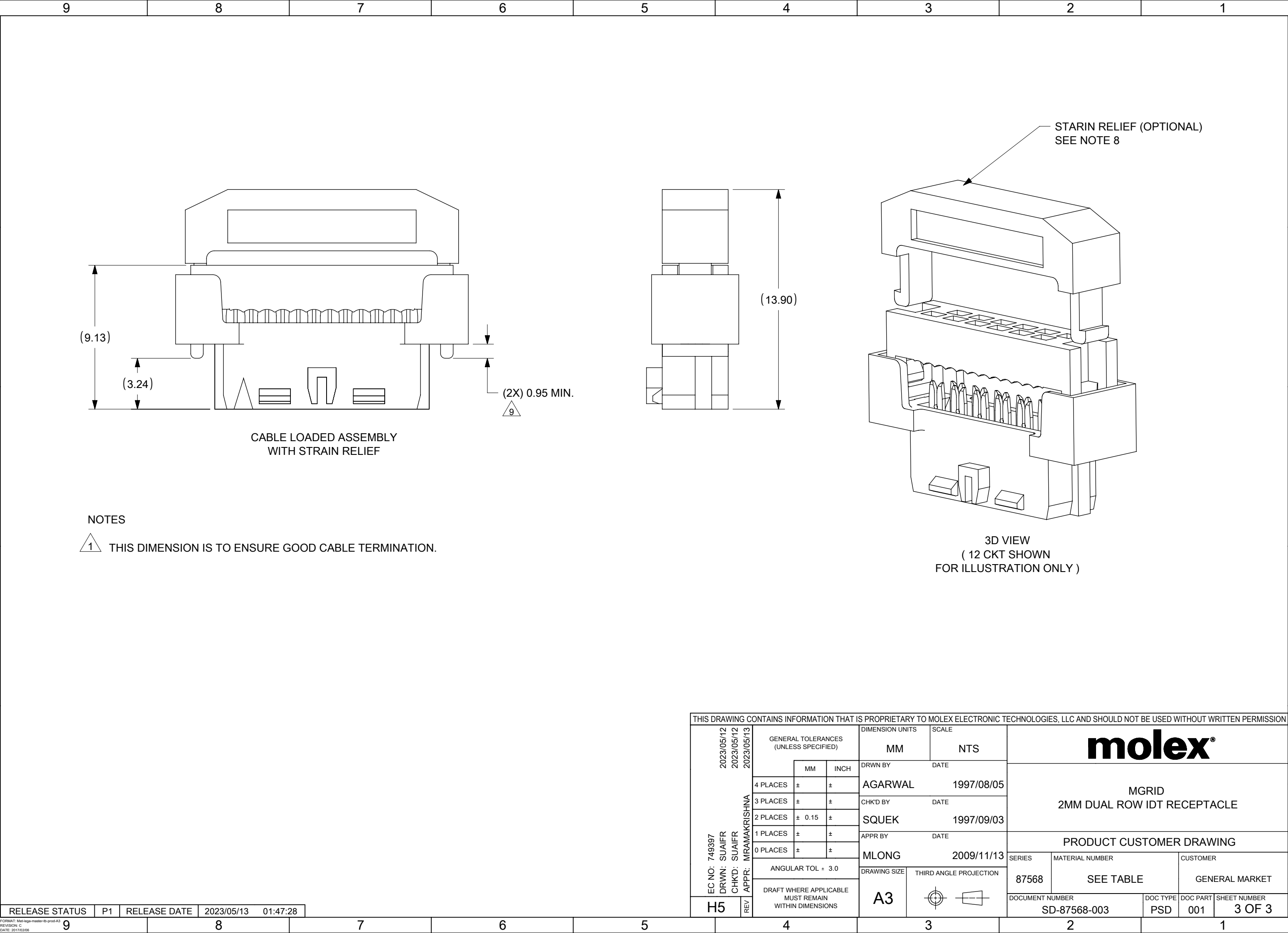
87568-**7*
SINGLE RAMP LOCKING ONLY
(APPLICABLE FOR 10 TO 12 CKT)

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®					
		MM		INCH		NTS								
		DRWN BY		DATE										
		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		PRODUCT CUSTOMER DRAWING					
		0 PLACES	±	±	MLONG		2009/11/13							
		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		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 REV / APPR: MRAMAKRISHNA					GENERAL TOLERANCES (UNLESS SPECIFIED)					DIMENSION UNITS			SCALE			molex®													
										MM			NTS																
					4 PLACES 3 PLACES 2 PLACES 1 PLACES 0 PLACES					MM		INCH		DRWN BY			DATE				MGRID 2MM DUAL ROW IDT RECEPTACLE								
										±		±		AGARWAL			1997/08/05												
										±		±		CHK'D BY			DATE												
										± 0.15		±		SQUEK			1997/09/03												
										±		±		APPR BY			DATE												
										±		±		MLONG			2009/11/13												
					ANGULAR TOL ± 3.0					DRAWING SIZE			THIRD ANGLE PROJECTION							SERIES		MATERIAL NUMBER				CUSTOMER			
																				87568		SEE TABLE				GENERAL MARKET			
H5					REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					A3							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																						