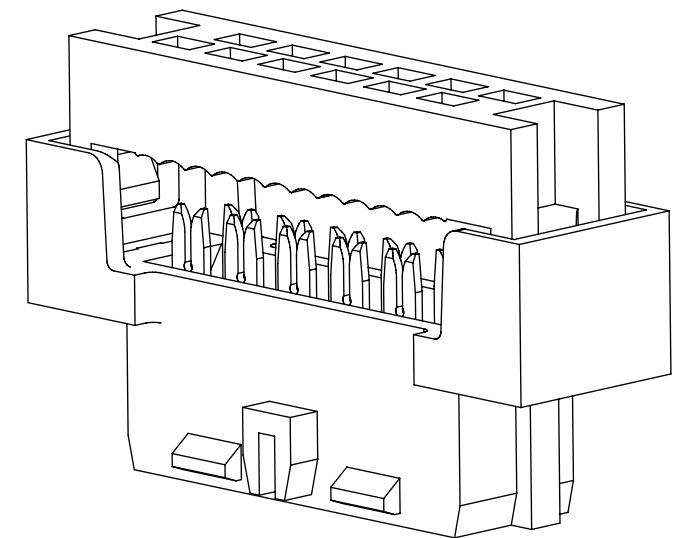
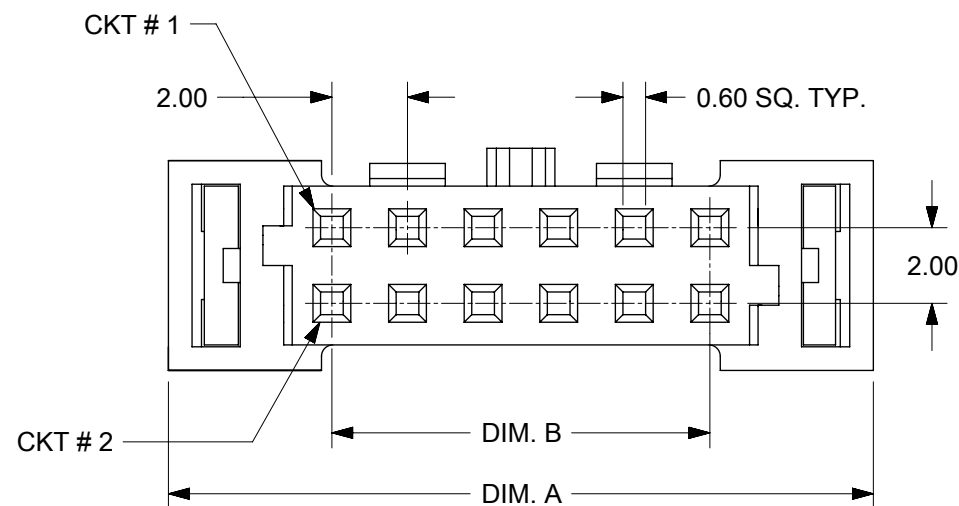
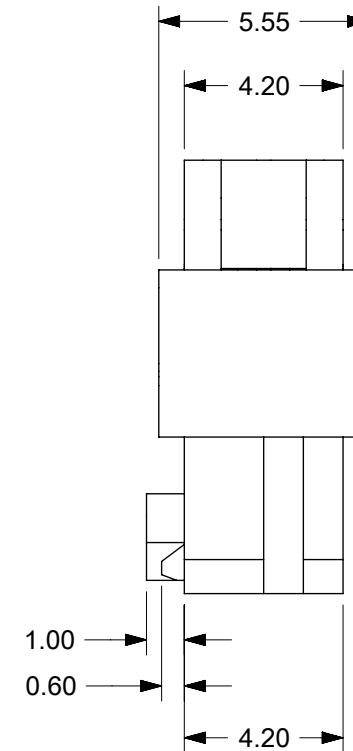
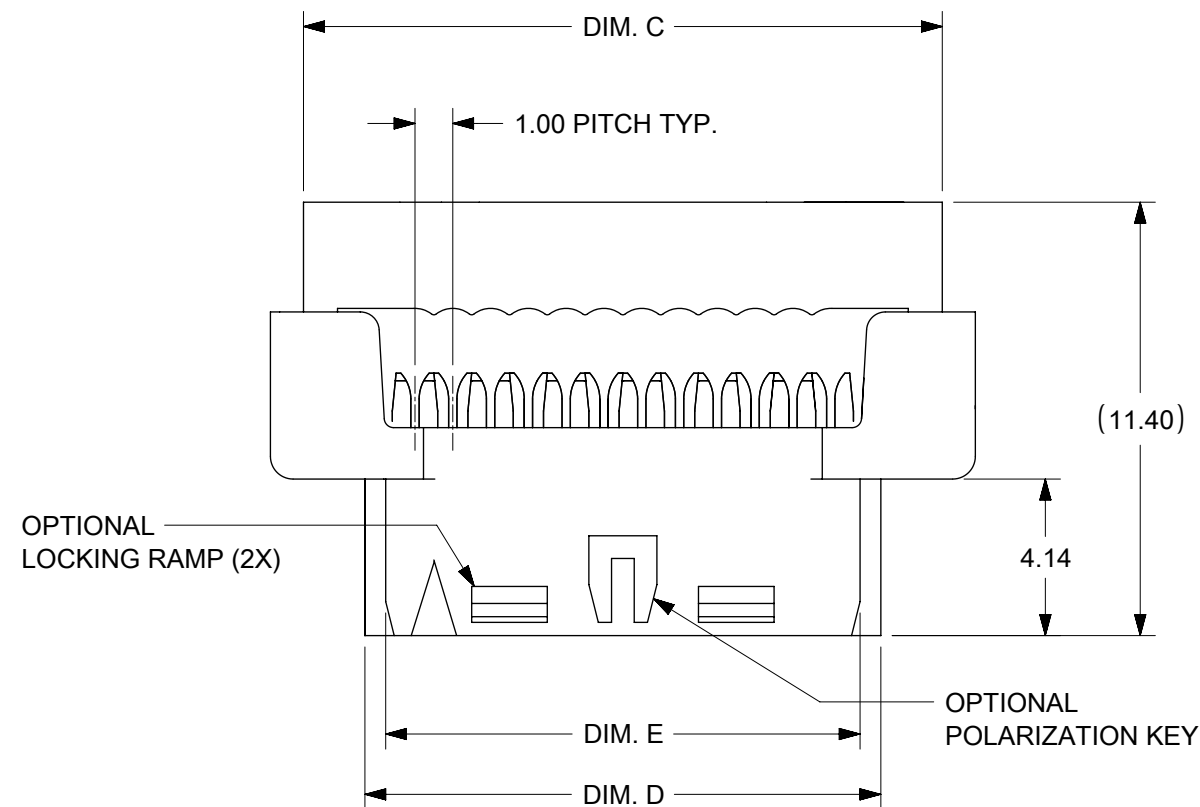
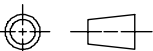
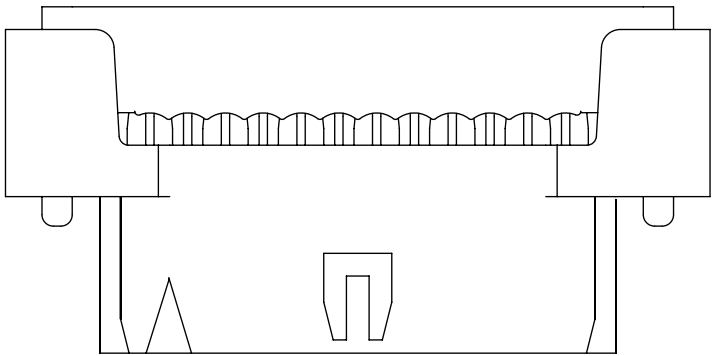


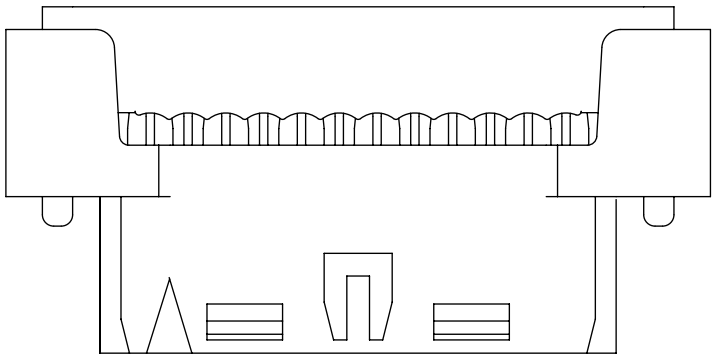


1. MATERIALS:
- HOUSING - PBT. GLASS FILLED UL94V-0 BLACK
- TERMINAL - COPPER ALLOY
2. FINISHES
- PLATING 3 - 15µin (0.38µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
- PLATING 4 - 30µin (0.76µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm)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

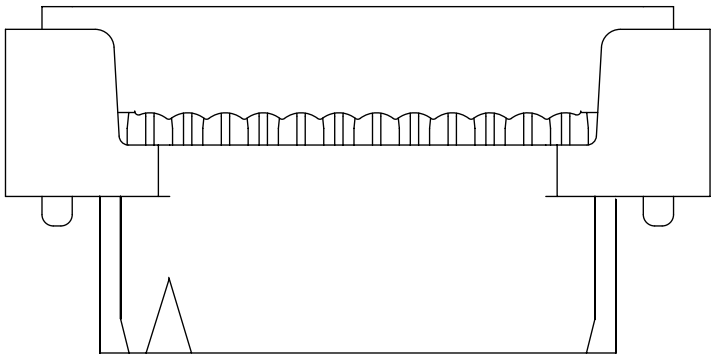
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
EC NO: 749397 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA	2023/05/12 2023/05/12 2023/05/13	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® MGRID 2MM DUAL ROW IDT RECEPTACLE						
					MM		NTS								
			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								
		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	



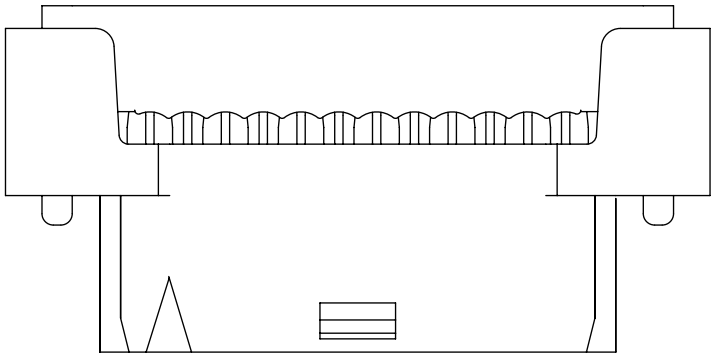
87568-**4*
POLARIZATION ONLY
(APPLICABLE FOR 14 TO 50CKT)



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

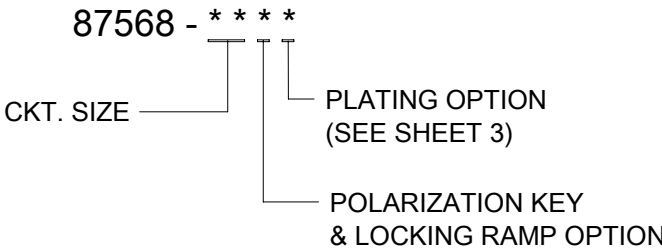


87568-**6*
NO POLARIZATION/RAMP FEATURE
(APPLICABLE FOR 10 TO 50 CKT)



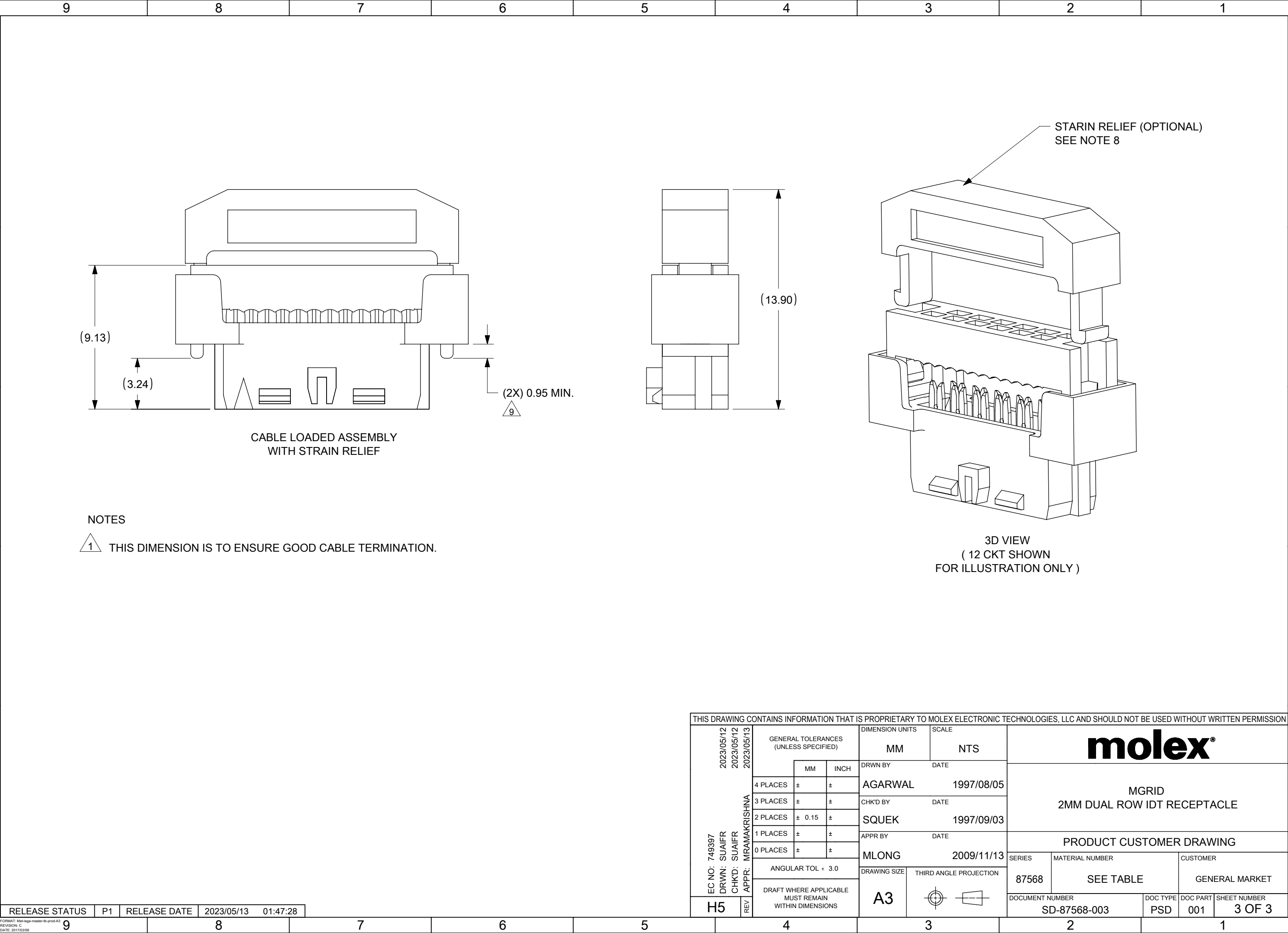
87568-**7*
SINGLE RAMP LOCKING ONLY
(APPLICABLE FOR 10 TO 12 CKT)

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		NTS													
		DRWN BY		DATE													
		4 PLACES	±	MM	INCH	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											
		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		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														
							MM		INCH														
					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											
					ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING											
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3															
H5		REV																					
RELEASE STATUS		P1	RELEASE DATE		2023/05/13		01:47:28																
											SERIES		MATERIAL NUMBER			CUSTOMER							
											87568		SEE TABLE			GENERAL MARKET							
											DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER						
											SD-87568-003		PSD		001		3 OF 3						