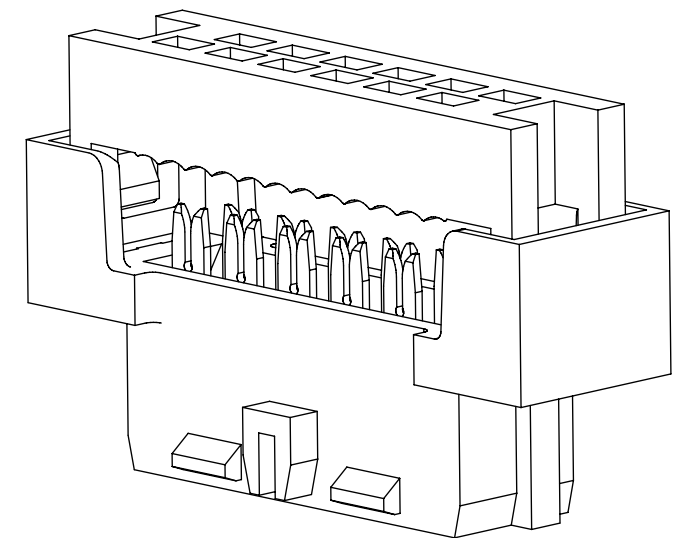
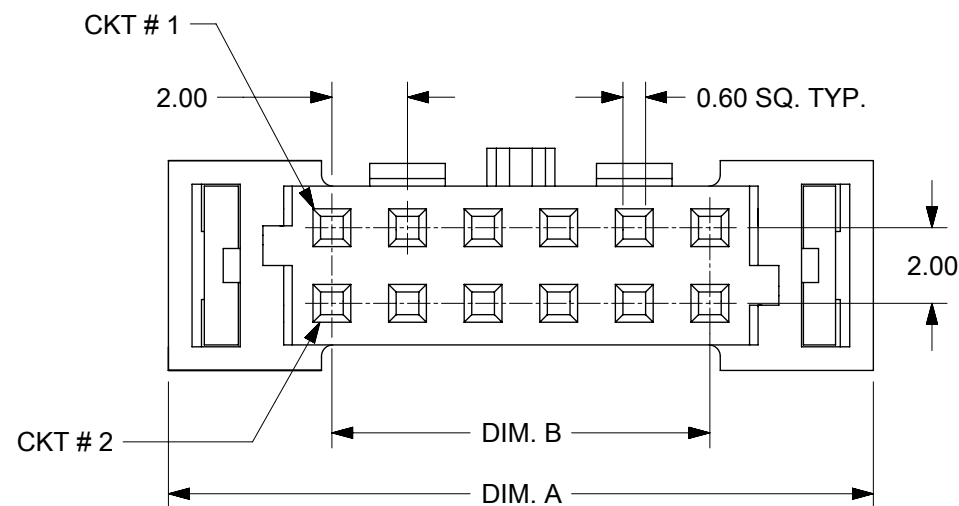
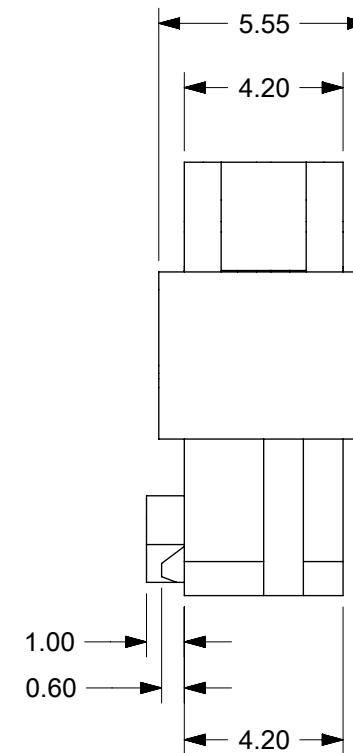
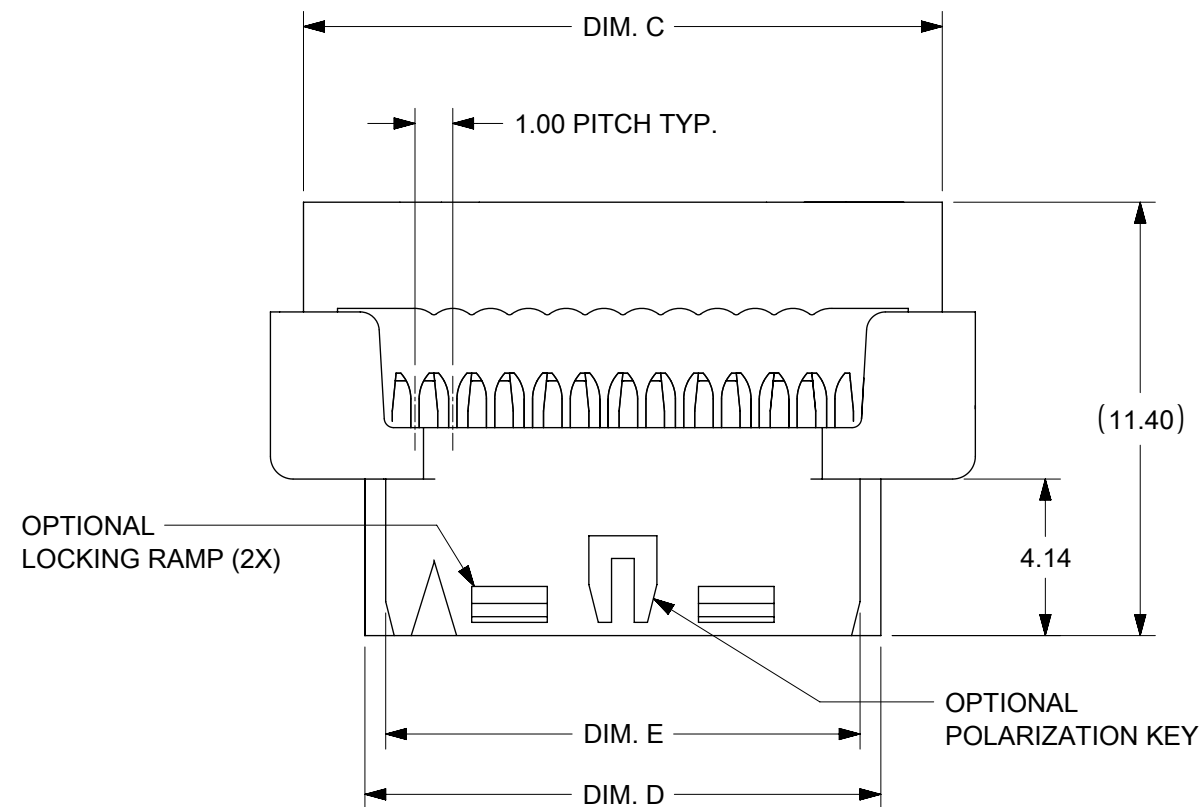
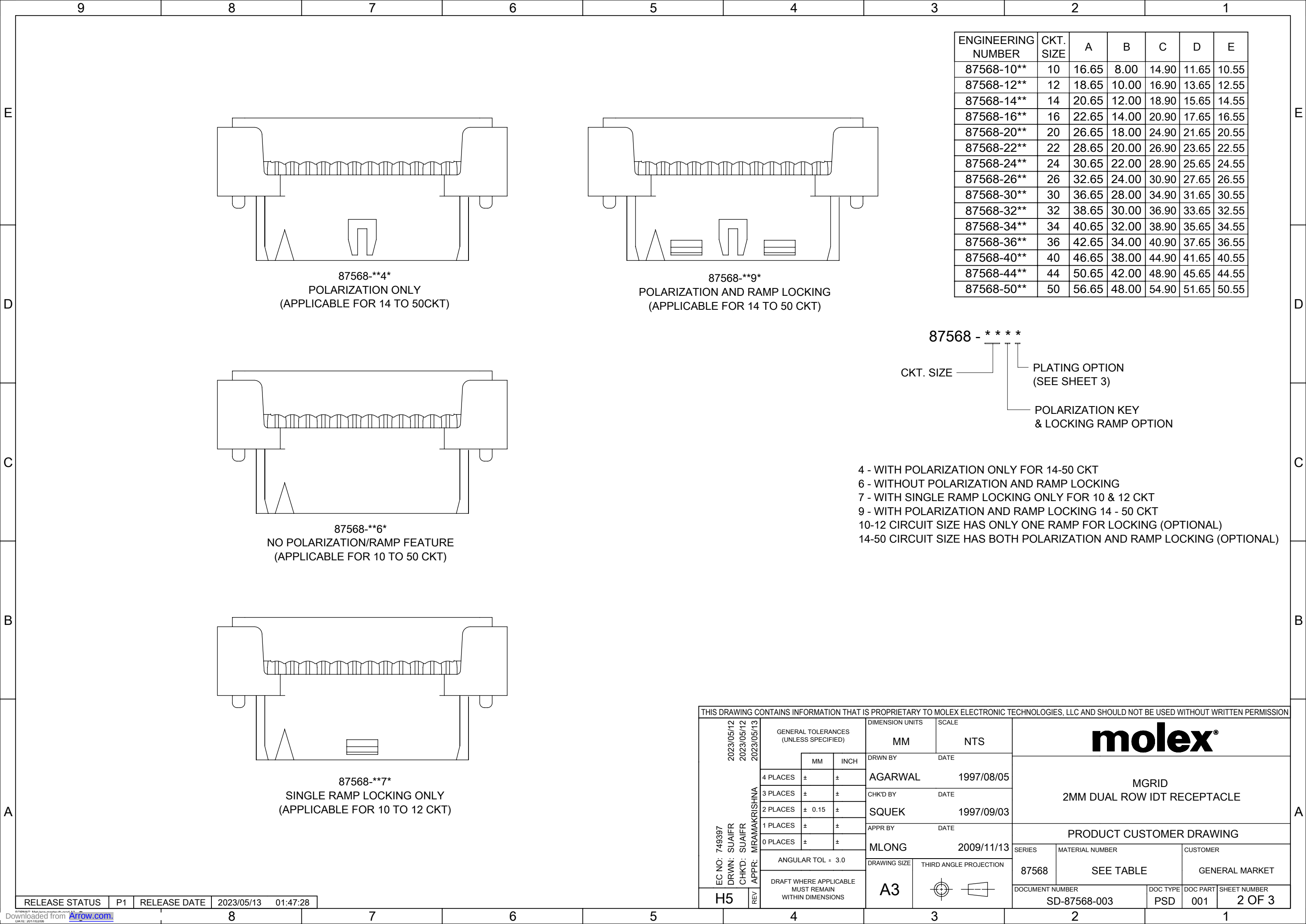




1. MATERIALS:
HOUSING - PBT. GLASS FILLED UL94V-0 BLACK
TERMINAL - COPPER ALLOY
2. FINISHES
PLATING 3 - 15µin (0.38µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
PLATING 4 - 30µin (0.76µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN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



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

87568 - * * * *

CKT. SIZE

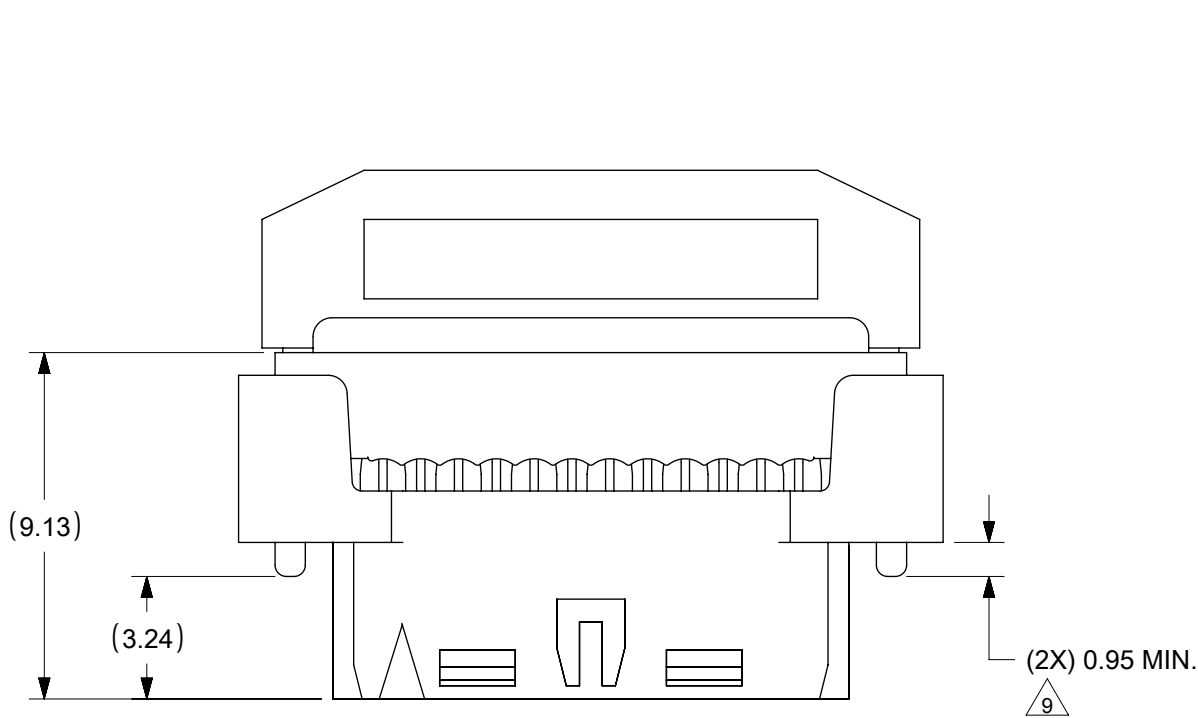
PLATING OPTION
(SEE SHEET 3)

POLARIZATION KEY
& LOCKING RAMP OPTION

- 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)

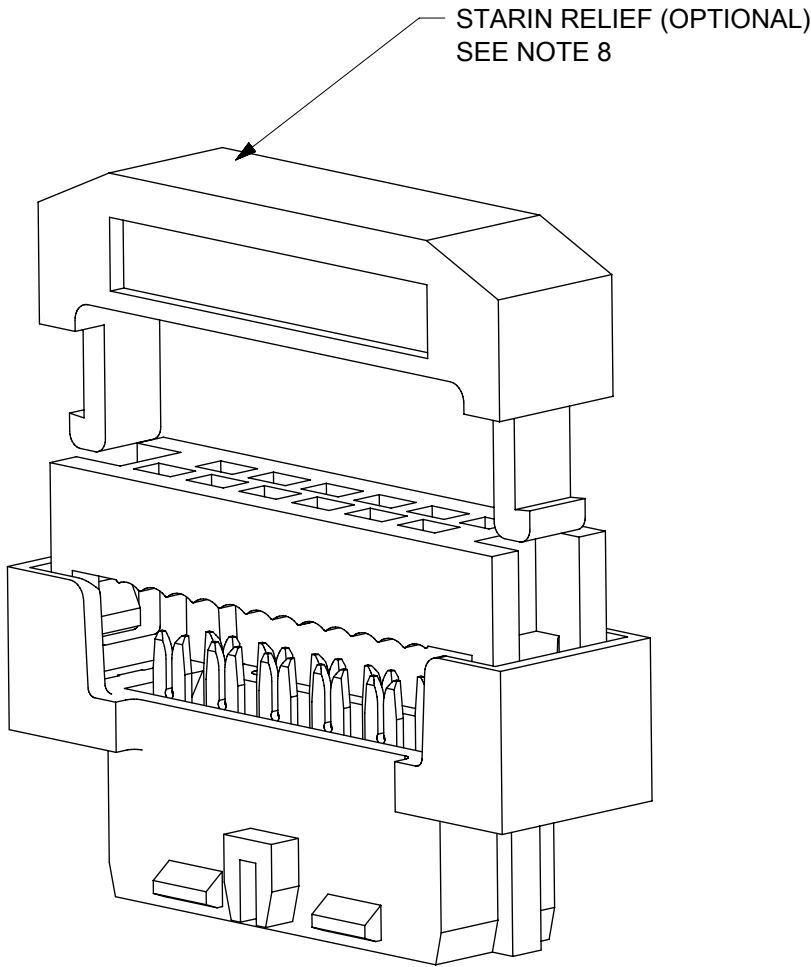
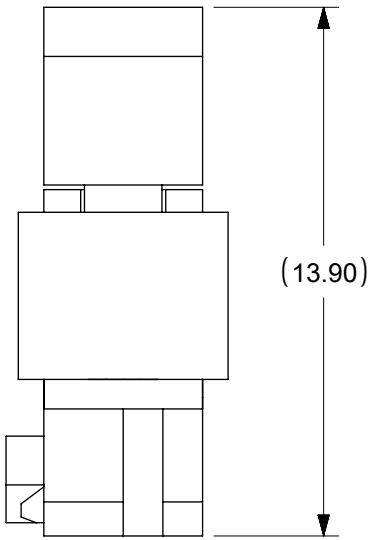
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EC NO: 749397 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA	2023/05/12 2023/05/12 2023/05/13	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®							
			MM	INCH	DRWN BY		DATE									
		4 PLACES	±	±	AGARWAL		1997/08/05									
		3 PLACES	±	±	CHK'D BY		DATE		MGRID 2MM DUAL ROW IDT RECEPTACLE							
		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
		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					

RELEASE STATUS	P1	RELEASE DATE	2023/05/13	01:47:28
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CABLE LOADED ASSEMBLY
WITH STRAIN RELIEF

NOTES
1 THIS DIMENSION IS TO ENSURE GOOD CABLE TERMINATION.



3D VIEW
(12 CKT SHOWN
FOR ILLUSTRATION ONLY)

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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 MATERIAL NUMBER CUSTOMER 87568 SEE TABLE GENERAL MARKET					
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3									
		H5	REV	DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER SD-87568-003 PSD 001 3 OF 3										