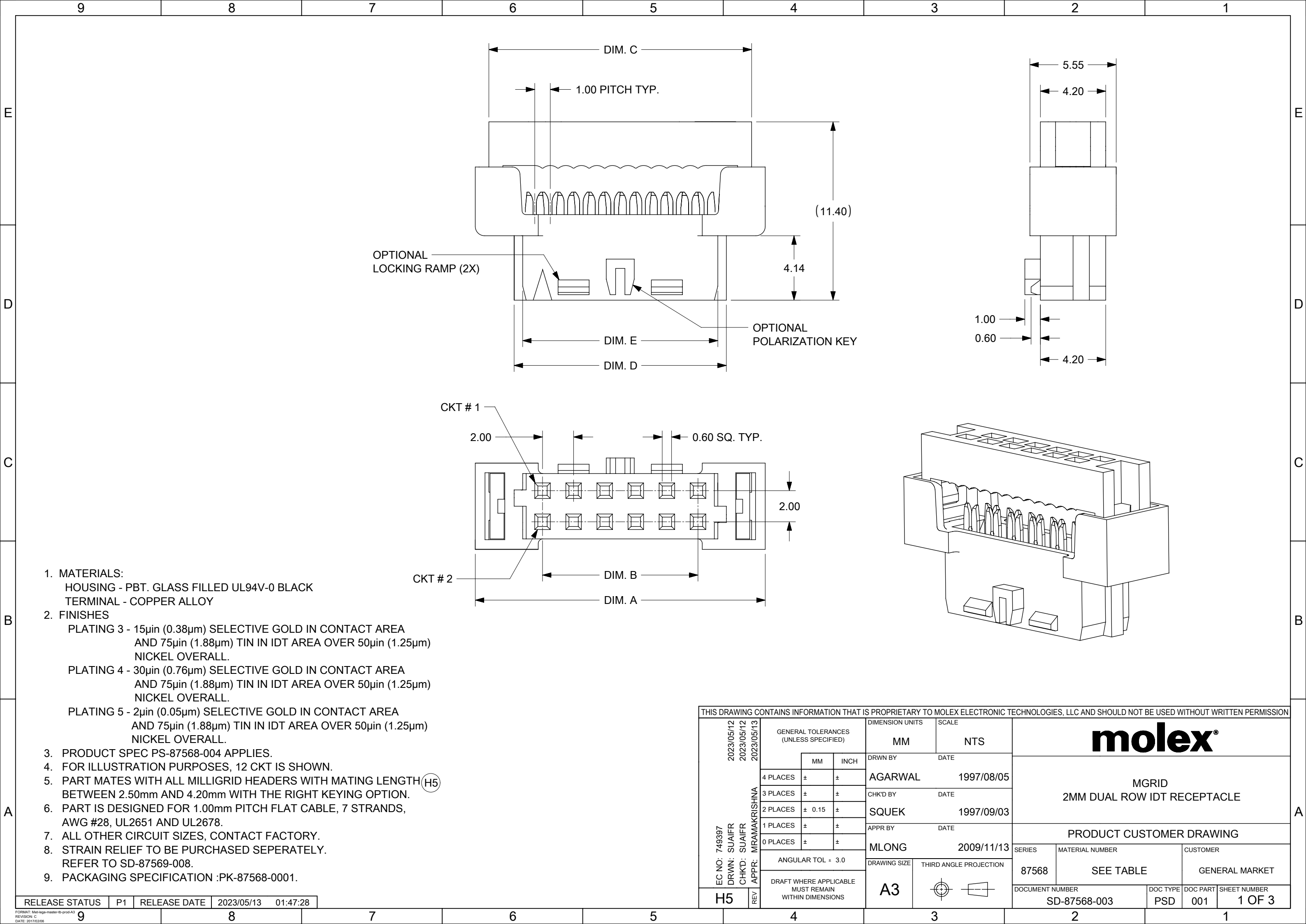
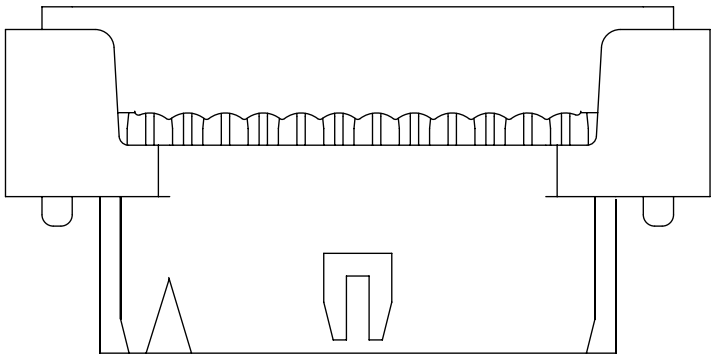




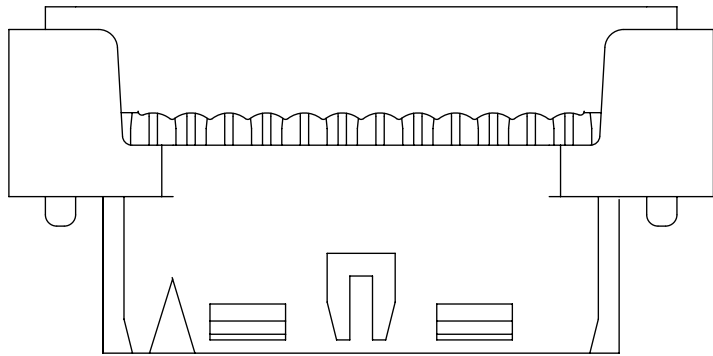
1. MATERIALS:
HOUSING - PBT. GLASS FILLED UL94V-0 BLACK
TERMINAL - COPPER ALLOY
2. FINISHES
PLATING 3 - 15µin (0.38µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN IN IDT AREA OVER 50µin (1.25µm)
NICKEL OVERALL.
PLATING 4 - 30µin (0.76µm) SELECTIVE GOLD IN CONTACT AREA
AND 75µin (1.88µm) TIN 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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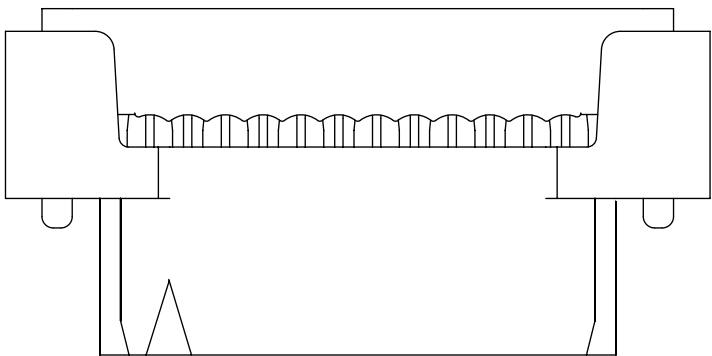
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
EC NO: 749397 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA	2023/05/12 2023/05/12 2023/05/13	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®								
			MM	INCH	MM		NTS										
		4 PLACES	±		±	DRWN BY		DATE		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							
						MLONG		2009/11/13									
		1 PLACES	±		±	DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER				CUSTOMER	
		0 PLACES	±		±					87568		SEE TABLE				GENERAL MARKET	
ANGULAR TOL ± 3.0																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3				DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER		
SD-87568-003		PSD					001		1 OF 3								
H5	REV																



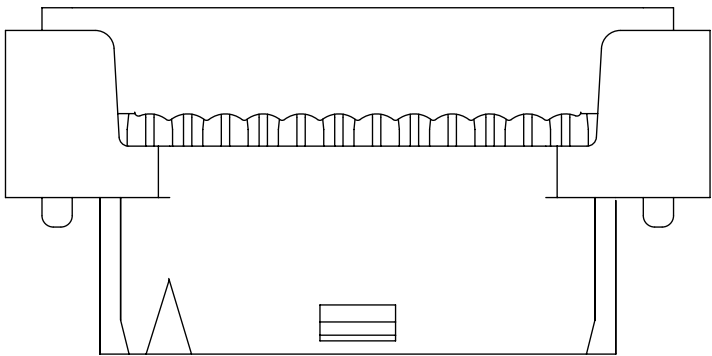
87568-**4*
POLARIZATION ONLY
(APPLICABLE FOR 14 TO 50CKT)



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

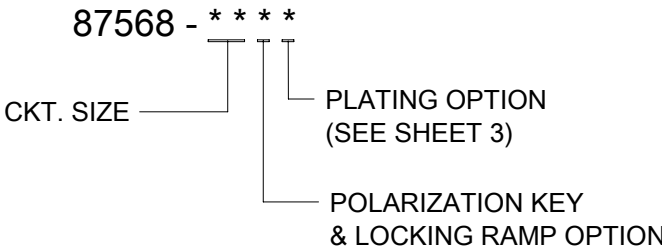


87568-**6*
NO POLARIZATION/RAMP FEATURE
(APPLICABLE FOR 10 TO 50 CKT)

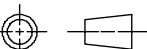


87568-**7*
SINGLE RAMP LOCKING ONLY
(APPLICABLE FOR 10 TO 12 CKT)

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		MATERIAL NUMBER			CUSTOMER		
		ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION			87568		SEE TABLE			GENERAL MARKET	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3					DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER	
										SD-87568-003			PSD	001	2 OF 3	
H5	REV															

