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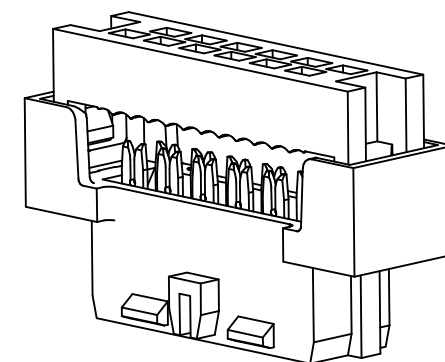
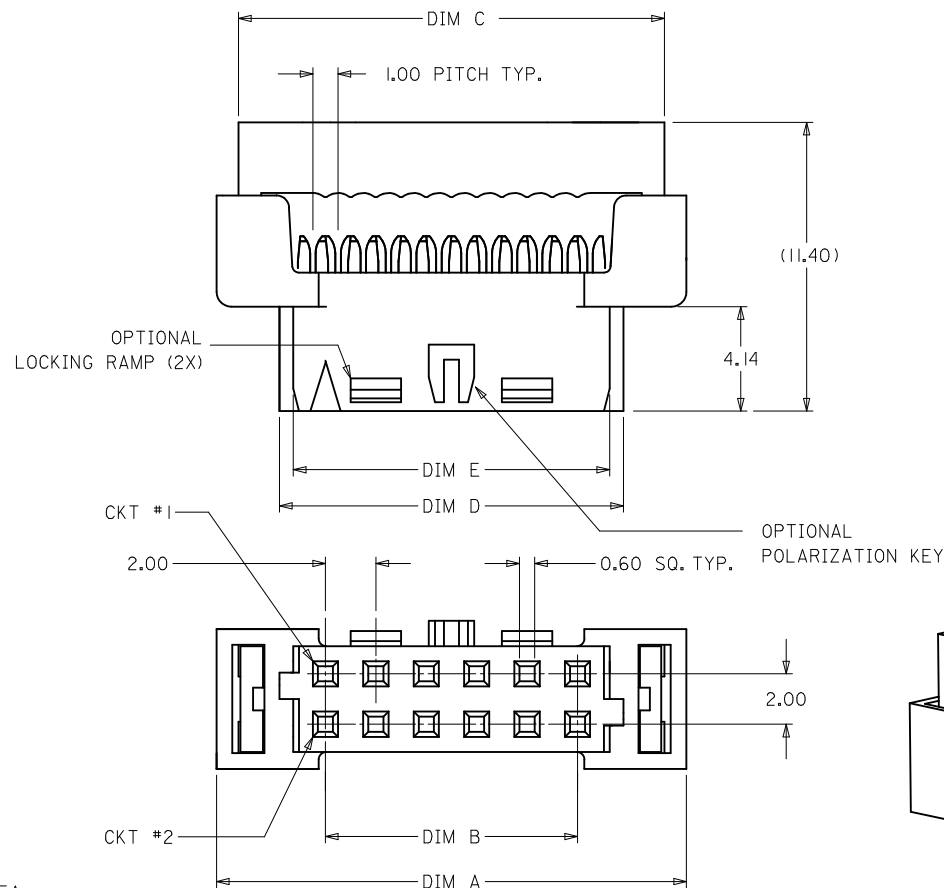
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1



1. MATERIALS:

HOUSING - PBT, GLASS FILLED UL94V-0 BLACK
 TERMINAL - COPPER ALLOY

2. FINISHES

PLATING 3 - 15uin (0.38um) SELECTIVE GOLD IN CONTACT AREA
 AND 75uin (1.88um) TIN IN IDT AREA OVER 50uin (1.25um)
 NICKEL OVERALL.

PLATING 4 - 30uin (0.76um) SELECTIVE GOLD IN CONTACT AREA
 AND 75uin (1.88um) TIN IN IDT AREA OVER 50uin (1.25um)
 NICKEL OVERALL.

PLATING 5 - 2uin (0.05um) SELECTIVE GOLD IN CONTACT AREA
 AND 75uin (1.88um) TIN IN IDT AREA OVER 50uin (1.25um)
 NICKEL OVERALL.

3. PRODUCT SPEC PS-87568-004 APPLIES

4. FOR ILLUSTRATION PURPOSES, I2 CKT IS SHOWN

5. PART MATES WITH ALL MILLIGRID HEADERS WITH MATING LENGTH
 BETWEEN 2.50mm AND 4.20mm

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

ADD AU FLASH OPTION EC NO: S2011-1004 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2011/05/31 2011/06/14 2011/06/14	DESCRIPTION	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY AGARWAL	DATE 1997/08/05	TITLE MGRID 2MM DUAL ROW IDT RECEPTACLE MOLEX INCORPORATED				
			4 PLACES	± ---	± ---	CHECKED BY SQUEK	DATE 1997/09/03					
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2009/11/13					
			2 PLACES	± 0.15	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			1 PLACE	± ---	± ---	SIZE A3		SD-87568-003		1 OF 3		
ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE								

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6

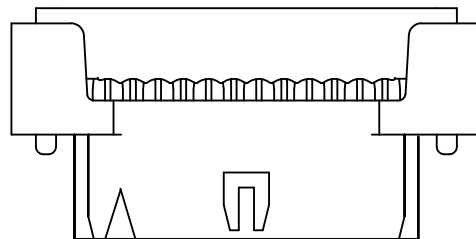
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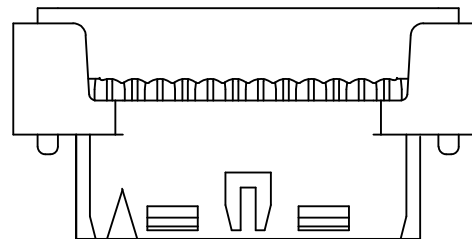
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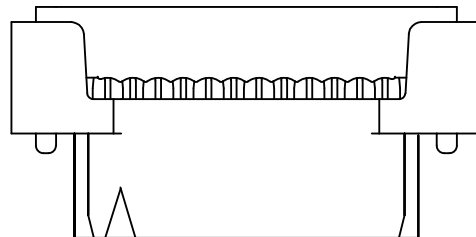


87568-***
POLARIZATION ONLY
(APPLICABLE FOR 14 TO 50 CKT)

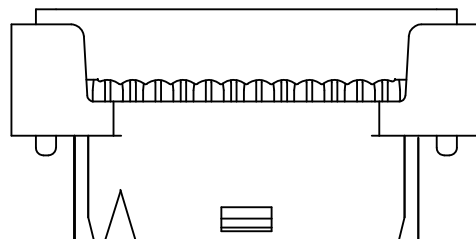


87568-**9*

POLARIZATION AND RAMP LOCKING
(APPLICABLE FOR 14 TO 50 CKT)



87568-***6*
NO POLARIZATION/RAMP FEATURE
(APPLICABLE FOR IO 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

87568 - * * * *
CKT. SIZE PLATING OPTION
(SEE NOTE 2)
POLARIZATION KEY
& LOCKING RAMP OPTION

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4 - WITH POLARIZATION ONLY FOR I4 - 50 CKT
6 - WITHOUT POLARIZATION AND RAMP LOCKING
7 - WITH SINGLE RAMP LOCKING ONLY FOR IO & 12 CKT
9 - WITH POLARIZATION AND RAMP LOCKING FOR I4 - 50 CKT

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10-12 CIRCUIT SIZE HAS ONLY ONE RAMP
FOR LOCKING (OPTIONAL)

14-50 CIRCUIT SIZE HAS BOTH
POLARIZATION AND RAMP LOCKING (OPTIONAL)

ADD AU FLASH OPTION EC NO: S2011-1004 DRWN:SKANG CHKD:ATSEE APPR:MLONG H2	2011/05/31 2011/06/14 2011/06/14	DESCRIPTION	QUALITY SYMBOLS FA=0 FC=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
						DRAWN BY AGARWAL	DATE 1997/08/05	TITLE MGRID 2MM DUAL ROW IDT RECEPTACLE							
						CHECKED BY SQUEK	DATE 1997/09/03								
						APPROVED BY MLONG	DATE 2009/11/13	MOLEX INCORPORATED							
						MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
						SEE TABLE		SD-87568-003		2 OF 3					
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

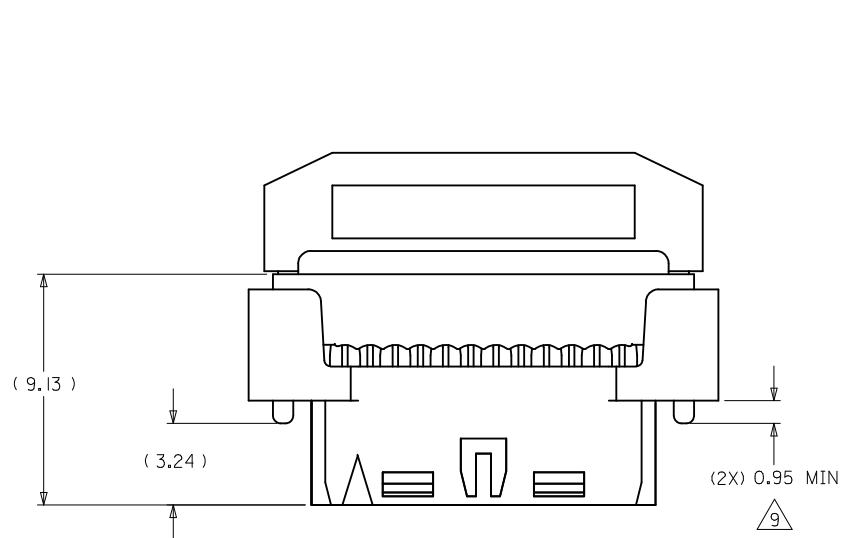
E

D

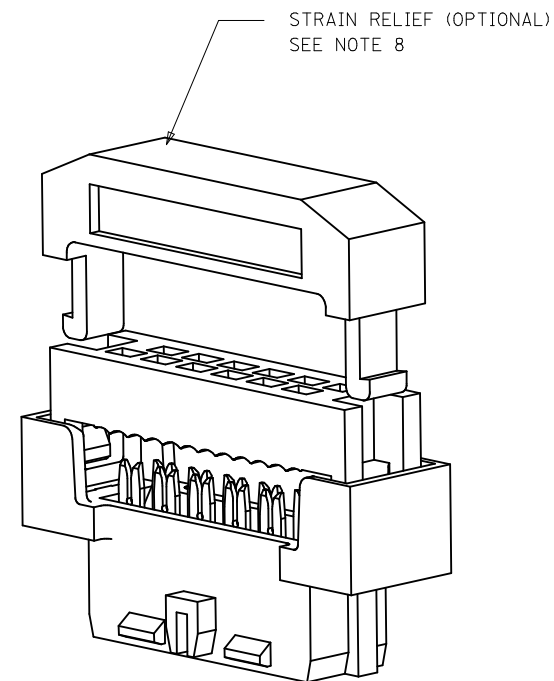
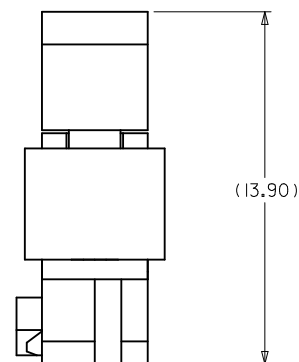
C

B

A



CABLE LOADED ASSEMBLY
WITH STRAIN RELIEF



3D VIEW
(12 CKT SHOWN
FOR ILLUSTRATION ONLY)

NOTES

9 THIS DIMENSION IS TO ENSURE GOOD CABLE TERMINATION.

ADD AU FLASH OPTION EC NO: S2011-1004 2011/05/31 DRWN:SKANG CHKD:ATSEE 2011/06/14 APPR:MLONG 2011/06/14	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		NTS	METRIC		
					DRAWN BY	DATE	TITLE MGRID 2MM DUAL ROW IDT RECEPTACLE			
					AGARWAL	1997/08/05				
			4 PLACES		± ---	± ---	CHECKED BY	DATE		
			3 PLACES		± ---	± ---	SQUEK	1997/09/03		
			2 PLACES		± 0.15	± ---	APPROVED BY	DATE		
			1 PLACE		± ---	± ---	MLONG	2009/11/13		MOLEX INCORPORATED
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87568-003		3 OF 3		
H2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

9 8 7 6 5 4 3 2 1