

F

E

D

C

B

A

10

9

8

7

6

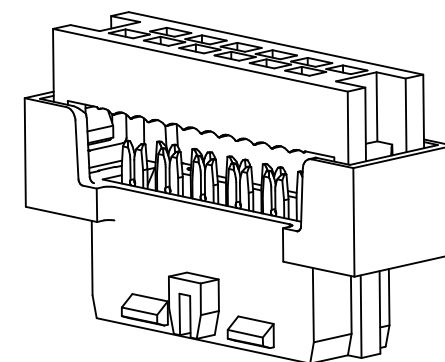
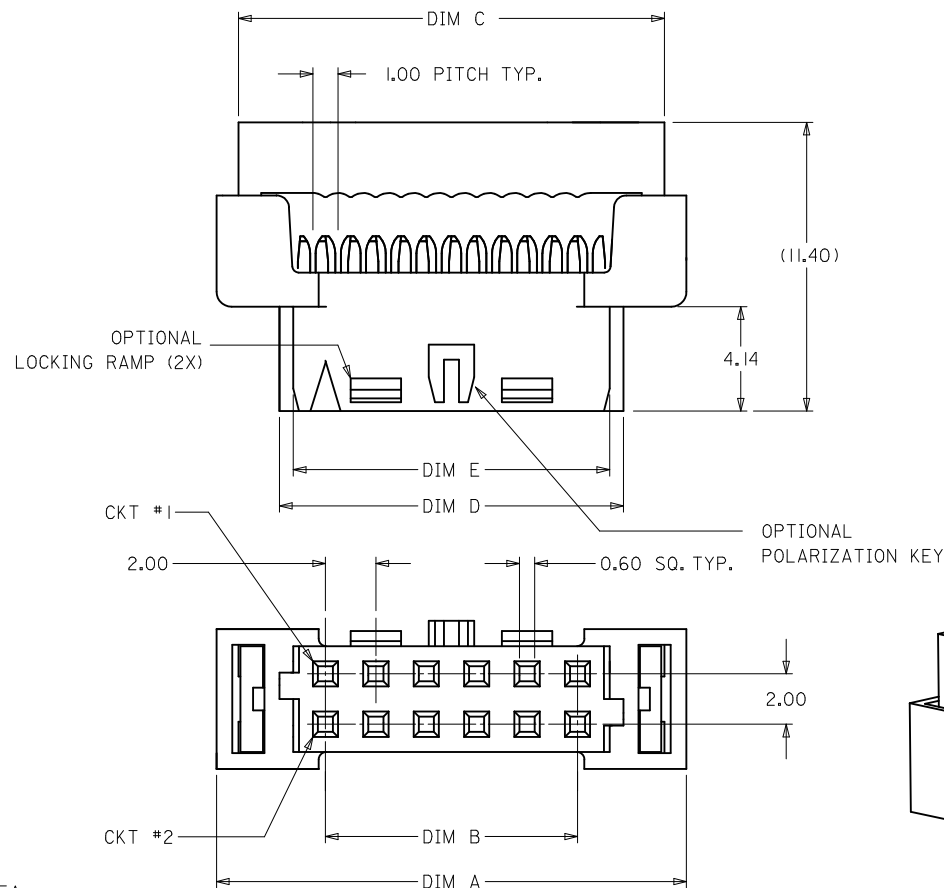
5

4

3

2

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 REV H2	DESCRIPTION 2011/05/31 2011/06/14 2011/06/14	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			
			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	± ---	± ---	SEE TABLE		SD-87568-003		1 OF 3	
			ANGULAR ± 3 °			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

9

8

7

6

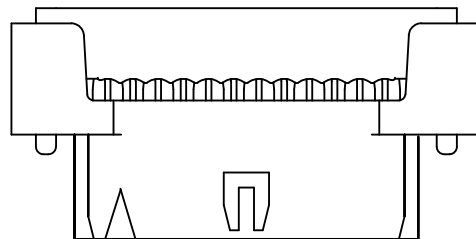
5

4

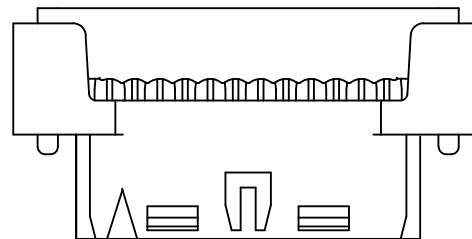
3

2

1

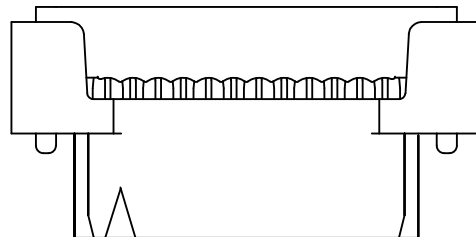


87568-***
POLARIZATION ONLY
(APPLICABLE FOR 14 TO 50 CKT)

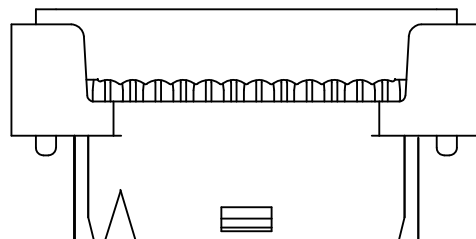


87568-**9*

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

```

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

```

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				
					mm	INCH	DRAWN BY AGARWAL		DATE 1997/08/05	TITLE MGRID 2MM DUAL ROW IDT RECEPTACLE					
				4 PLACES	± ---	± ---	CHECKED BY		DATE 1997/09/03						
				3 PLACES	± ---	± ---	SQUEK			MOLEX INCORPORATED					
				2 PLACES	± 0.15	± ---	APPROVED BY		DATE 2009/11/13						
				1 PLACE	± ---	± ---	MLONG			SD-87568-003					
				ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.					SHEET NO. 2 OF 3	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE								
							SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
				REV											

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

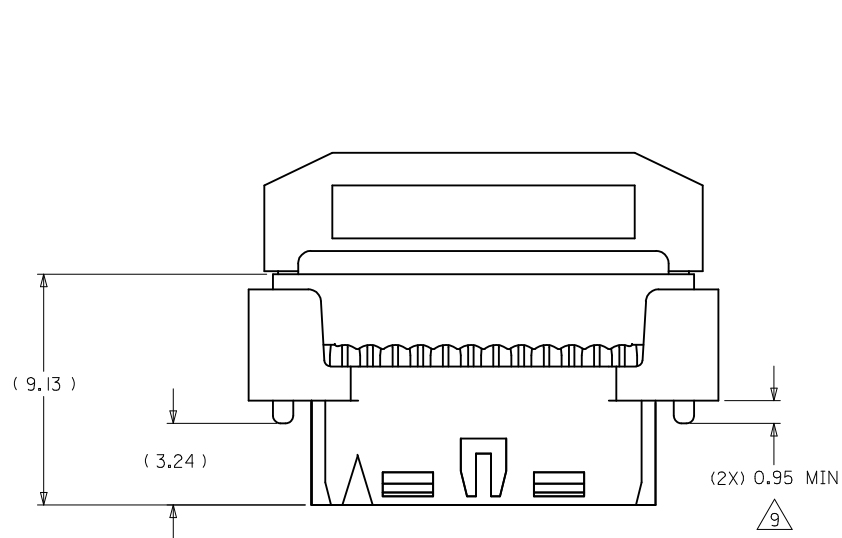
E

D

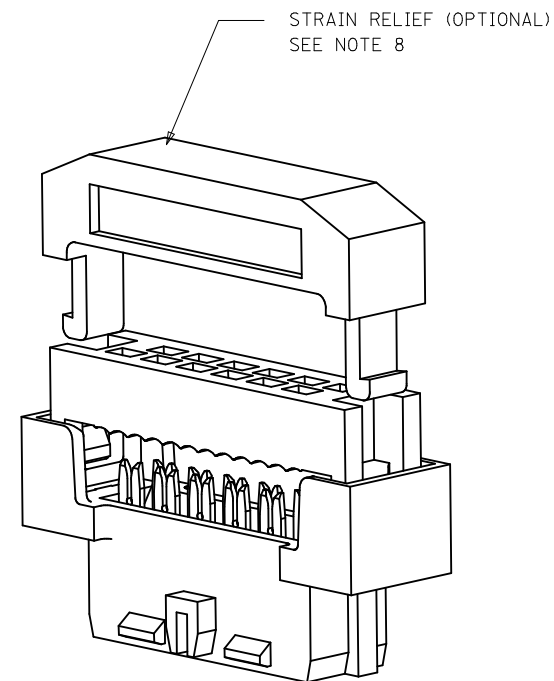
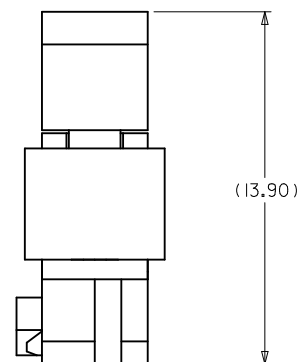
C

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	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						
					CHECKED BY	DATE	MOLEX INCORPORATED					
					SQUEK	1997/09/03						
					APPROVED BY	DATE	MOLEX INCORPORATED					
					MLONG	2009/11/13						
					MATERIAL NO.		DOCUMENT NO.					
					SEE TABLE							
		SIZE		SD-87568-003								
		A3										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
				SHEET NO. 3 OF 3								

9 8 7 6 5 4 3 2 1