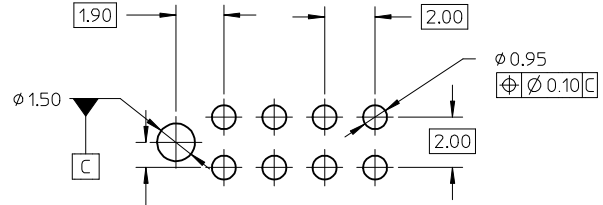


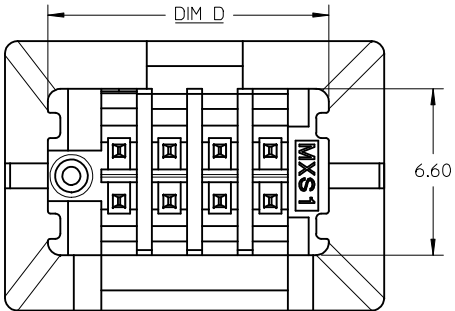
NOTES:

1. MATERIALS:
HOUSING: LIQUID CRYSTALLINE POLYMER, GLASSED-FILLED UL 94V-0, BLACK
TERMINALS: 0.50mm SQ. PHOSPHOR BRONZE
2. FINISHES: SEE PART NUMBER LEGEND
3. PRODUCT SPECIFICATION: PS-151013-0001
4. PACKAGING SPECIFICATION: PK-151013-0001
5. MATES WITH:
51110-XX50 (4 TO 20 CKTS)
51110-XX51 (8 TO 12 CKTS ONLY)
51110-XX52 (4, 6, AND 14 TO 20 CKTS)
51110-XX60 (4 TO 12 CKTS)
6. PARTS CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
7. MOLEX LOGO AND CAVITY ID TO BE LOCATED AS SHOWN
8. NON-FUNCTIONAL CORING IS SUBJECTED TO CHANGES WITHOUT NOTICE
9. DATECODE TO BE LOCATED APPROXIMATELY AS SHOWN
10. PLATING ID MARKING FOR DIFFERENT PLATING OPTIONS TO BE LOCATED AFTER DATE CODE AS SHOWN



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05

CIRCUIT IDENTIFICATION
DIM E
(PIN LENGTH - REFER TO PART NUMBER LEGEND)



REVISED EC NO: S2016-0796 DRWN:GMENARLY 2015/10/29 CHYKDSICHEONG 2016/03/09 APPR:KHLIM 2016/03/14	DESCRIPTION QUALITY SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY GMENARLY	DATE 2014/05/02	TITLE 2MM PITCH MILLIGRID BMI VERTICAL HEADER			
			± ---	± ---	CHECKED BY CGOH	DATE 2014/06/24				
			± 0.25	± ---	APPROVED BY KHLIM	DATE 2014/06/30				
	± ---	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-151013-0001		SHEET NO. 1 OF 2			
A1	REV	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				


ASSEMBLY PART NUMBER	CKT SIZE	DIM A	DIM B	DIM C	DIM D	DIM F
151013-XX04	4	4.85	11.05	2.00	7.15	9.25
151013-XX06	6	6.85	13.05	4.00	9.15	11.25
151013-XX08	8	8.85	15.05	6.00	11.15	13.25
151013-XX10	10	10.85	17.05	8.00	13.15	15.25
151013-XX12	12	12.85	19.05	10.00	15.15	17.25
151013-XX14	14	14.85	21.05	12.00	17.15	19.25
151013-XX16	16	16.85	23.05	14.00	19.15	21.25
151013-XX18	18	18.85	25.05	16.00	21.15	23.25
151013-XX20	20	20.85	27.05	18.00	23.15	25.25

PART NUMBER LEGEND

151013-XXXX

PLATING OPTIONS:

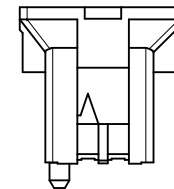
CIRCUIT SIZE

PLATING THICKNESS	PLATING ID MARK 
2: 0.76µm MIN. GOLD ON CONTACT, 1.27µm MATTE TIN ON SOLDERTAIL OVER 1.27µm MIN. NICKEL UNDERPLATE OVERALL	
3: 0.38µm MIN. GOLD ON CONTACT, 1.27µm MATTE TIN ON SOLDERTAIL OVER 1.27µm MIN. NICKEL UNDERPLATE OVERALL	/
4: 0.05µm MIN. GOLD FLASH ON CONTACT, 1.27µm MATTE TIN ON SOLDERTAIL OVER 1.27µm MIN. NICKEL UNDERPLATE OVERALL	<

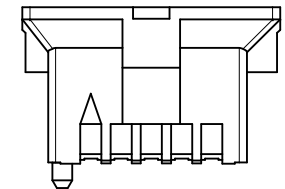
DIM E - PIN LENGTHS:

- 0: 2.60MM
- 1: 4.00MM
- 2: 3.00MM
- 3: 3.50MM
- 4: 4.50MM
- 5: 2.10MM


CIRCUIT IDENTIFICATION ON HOUSING



FOR 4 & 6 CIRCUITS



FOR 8 TO 20 CIRCUITS

REVISED EC NO: S2016-0796 DRW: GMENARLY 2015/10/29 CHK: DSCHEONG 2016/03/09 APPR: KHLIM 2016/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	$F_A=0$	mm	INCH	DRAWN BY	DATE	TITLE			
	$F_G=0$	4 PLACES ± ---	± ---	GMENARLY	2014/05/02	2MM PITCH MILLIGRID BMI VERTICAL HEADER			
	$F_P=0$	3 PLACES ± ---	± ---	CHEKED BY	DATE				
	2 PLACES ± 0.25	± ---	CGOH	2014/06/24	DOCUMENT NO. SD-151013-0001				
	1 PLACE ± ---	± ---	APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	0 PLACE ± ---	± ---	KHLIM	2014/06/30					
		ANGULAR ± 3°		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
				SIZE A3					