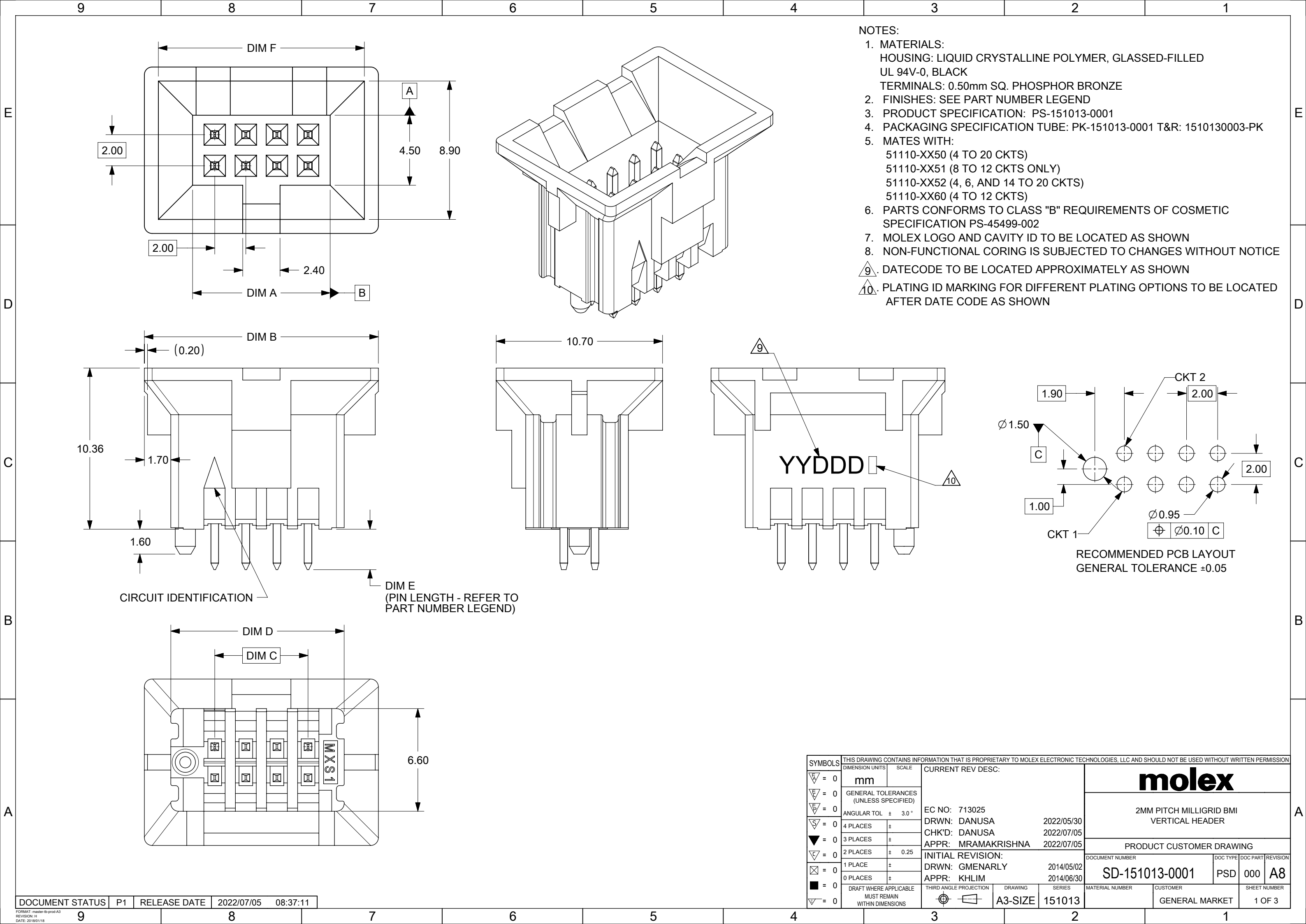




- NOTES:
1. MATERIALS:
HOUSING: LIQUID CRYSTALLINE POLYMER, GLASSED-FILLED
UL 94V-0, BLACK
TERMINALS: 0.50mm SQ. PHOSPHOR BRONZE
 2. FINISHES: SEE PART NUMBER LEGEND
 3. PRODUCT SPECIFICATION: PS-151013-0001
 4. PACKAGING SPECIFICATION TUBE: PK-151013-0001 T&R: 1510130003-PK
 5. MATES WITH:
51110-XX50 (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

PART NUMBER LEGEND

151013-X X Y Y

PLATING OPTIONS:

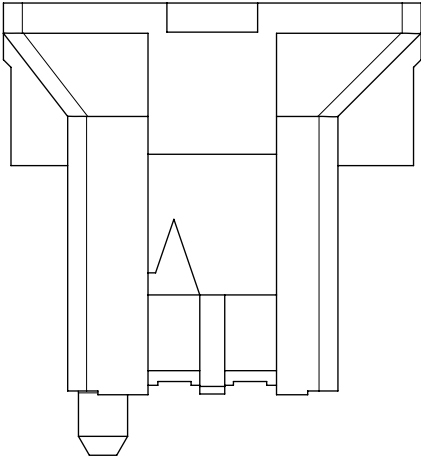
DIM E - PIN LENGTHS:

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

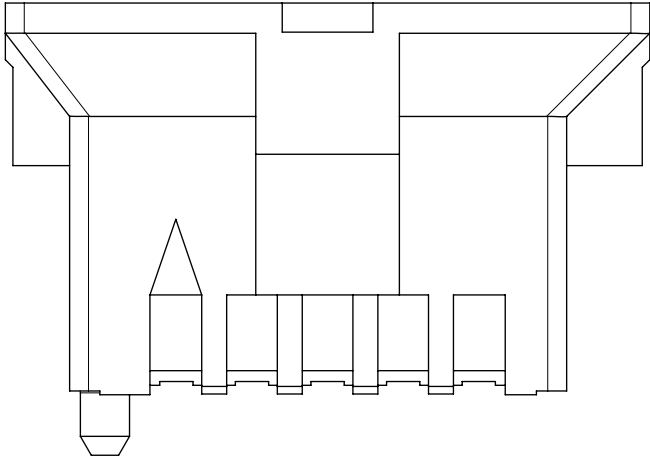
04 - 20	04 - 20 CKT IN TUBE
64 - 80	64 - 80 CKT IN T&R WITHOUT KAPTON TAPE 64 = 04CKT 66 = 06CKT - - - 78 = 18CKT 80 = 20CKT
84 - 98	84 - 98 CKT IN T&R WITH KAPTON TAPE 84 = 04CKT 86 = 06CKT - - - 98 = 18CKT 00 = 20CKT

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
151013-XX32	32	32.85	39.05	30.00	35.15	37.25

CIRCUIT IDENTIFICATION ON HOUSING



FOR 4 & 6 CIRCUITS



FOR 8 TO 20 CIRCUITS

PLATING THICKNESS	PLATING ID MARK
2 OR 6: 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	<
5: 2.50µm MIN. MATTE TIN ON CONTACT, 1.27µm MATTE TIN ON SOLDERTAIL OVER 1.27µm MIN. NICKEL UNDERPLATE OVERALL	

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 713025 DRWN: DANUSA 2022/05/30 CHK'D: DANUSA 2022/07/05 APPR: MRAMAKRISHNA 2022/07/05 INITIAL REVISION: DRWN: GMENARLY 2014/05/02 APPR: KHLIM 2014/06/30				molex 2MM PITCH MILLIGRID BMI VERTICAL HEADER					
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 3.0 °				DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION	
4 PLACES ±				SD-151013-0001						PSD		000		A8	
3 PLACES ±				MATERIAL NUMBER						CUSTOMER		SHEET NUMBER			
2 PLACES ± 0.25				SEE TABLE		GENERAL MARKET		2 OF 3							
1 PLACE ±															
0 PLACES ±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES									
				A3-SIZE		151013									

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/05	08:37:11
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