

NOTES:

1. **MATERIAL:**
HOUSING: LCP GLASS FILLED UL 94-V0 COLOUR: BLACK

TERMINAL: COPPER ALLOY PLATED WITH:
BASE FINISH: NICKEL
CONTACT SURFACE FINISH:
GOLD
OR
GOLD FLASH OVER PALLADIUM NICKEL.
EXCEEDS PRODUCT REQUIREMENTS BASED ON PS-95501
SOLDER TABS: BRASS PLATED WITH 0.0020 MIN TIN.

2. JACK FOR MATING WITH IEC 60603-7 AND TIA-1096-A PLUGS (MOLEX 90075 SERIES)

3. PRODUCT SPECIFICATION: MOLEX PS-95501

4. POLYIMIDE ADHESIVE TAPE FOR PICK & PLACE SURFACE.
THICKNESS: 125µm

5. PACKAGING SPECIFICATION: MOLEX PK-85502.
(BLISTER PACKAGING).

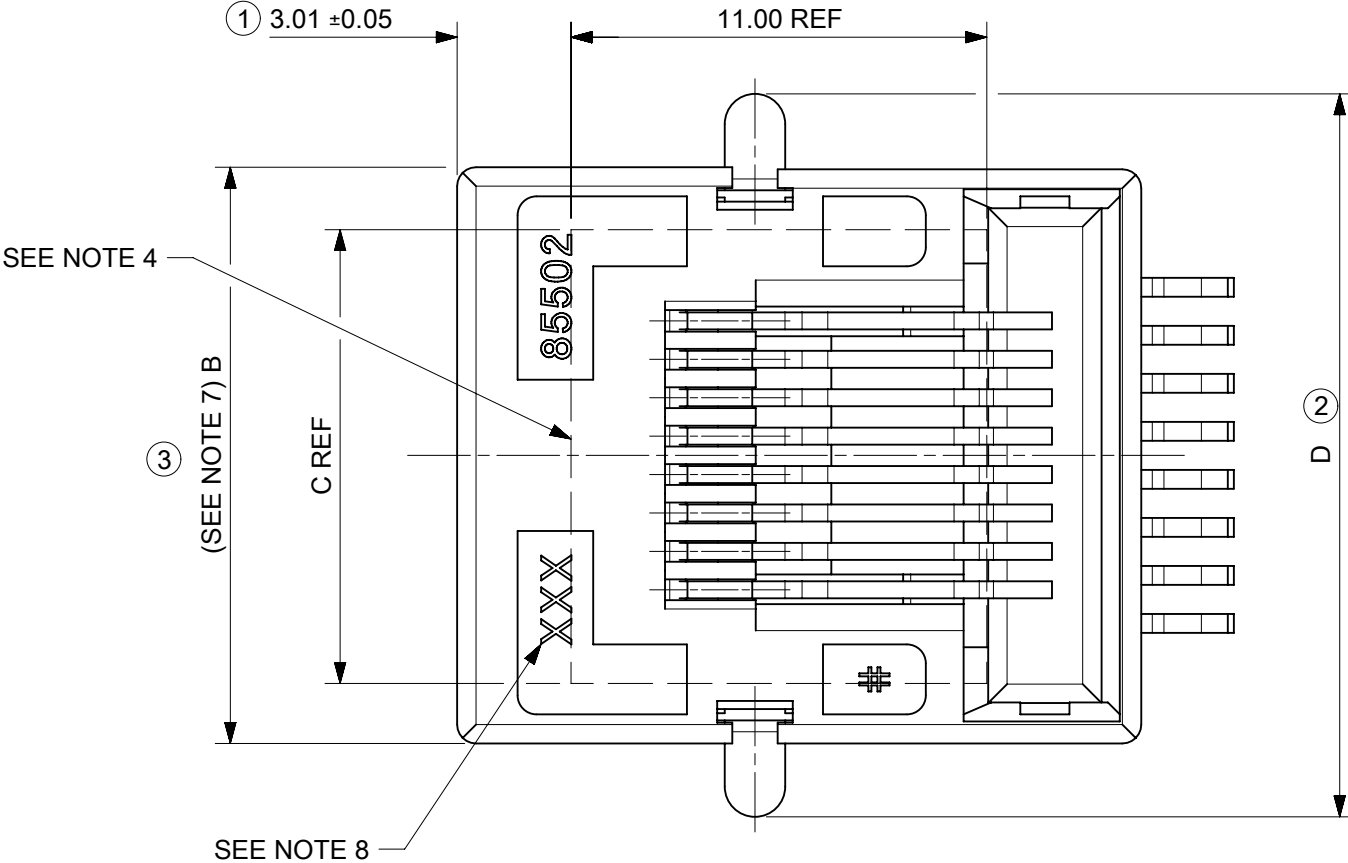
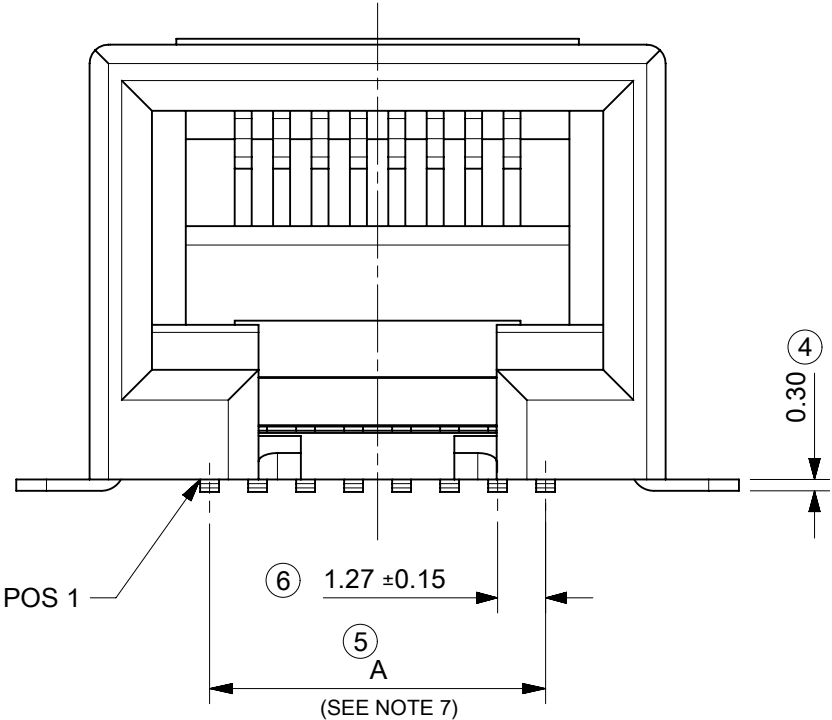
⑬ 6. COPLANARITY OF SIGNAL LEADS: 0.10

7. SEE DIMENSIONS IN CHART ON SHEET 2.

8. MANUFACTURING I.D. MAY BE EITHER MG, MXF, MXI OR MXCH.

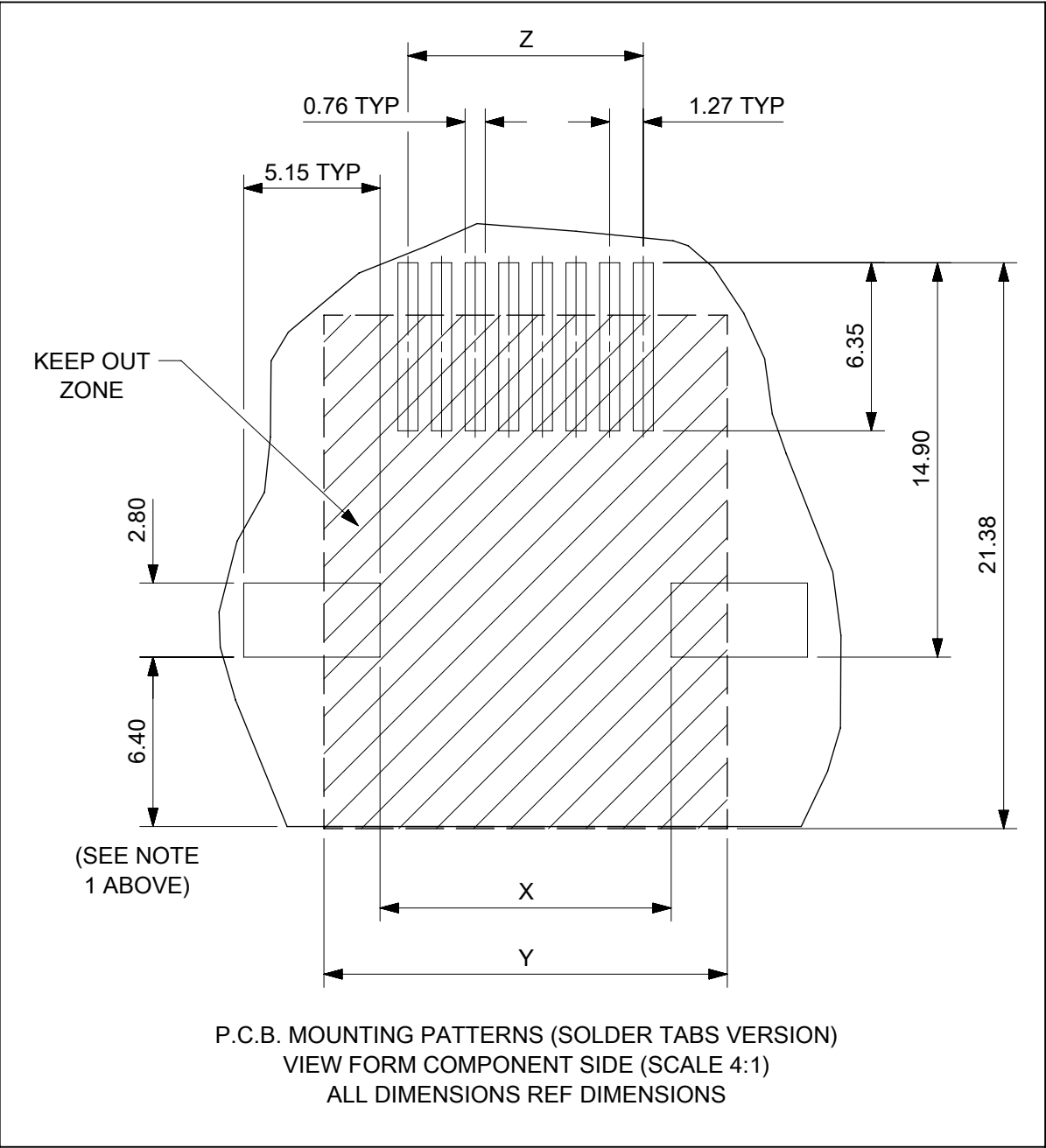
9. APPLICATION SPECIFICATION: AS-85513-001

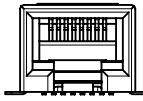
LAST INSPECTION NO.: 13



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMASTERED USING 3D MODELS				molex							
mm		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 686808 DRWN: AKUMAR19 2021/07/30 CHK'D: KLANG 2022/01/10 APPR: KLANG 2022/01/10				R/A LOW PROFILE TRUE SMT 4,6 & 8 CONTACTS PC JACK WITH SIDE SOLDER TABS							
ANGULAR TOL ± 2.0 °								PRODUCT CUSTOMER DRAWING							
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.25													
1 PLACE		± 0.35		INITIAL REVISION: DRWN: DBYRNES 2006/07/04 APPR: EOMAHONY 2006/07/07				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
0 PLACES		±						SD-85502-101		PSD		001		E2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		85502		SEE TABLE		GENERAL MARKET		1 OF 2			

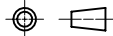
NOTES:
1. RECOMMENDED DISTANCE FROM THE PCB'S EDGE
2. PLATING SEE SHEET 1



	PART NUMBERS FOR TRUE SMT JACK WITH SOLDER TABS								
	HOUSING COLOR	POS 4	TOOLED	POS 6	TOOLED	POS 6	TOOLED	POS 8	TOOLED
		4 CKTS		4 CKTS		6 CKTS		8 CKTS	
STANDARD VERSION	BLACK	85502-5005	X	85502-5006	X	85502-5007	X	85502-5008	X

DIM \ TYP	POS 4	POS 6		POS 8
	4 CKTS	4 CKTS	6 CKTS	8 CKTS
A ± 0.15	3.81	3.81	6.35	8.89
B	11.18	13.21	13.21	15.24
C (REF)	8.50	8.50	8.50	12.00
D ± 0.35	14.13	16.16	16.16	18.19
X ± 0.10	6.94	8.97	8.97	11.00
Y (REF)	11.18	13.21	13.21	15.24
Z ± 0.05	3.81	3.81	6.35	8.89

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMASTERED USING 3D MODELS		molex R/A LOW PROFILE TRUE SMT 4,6 & 8 CONTACTS PC JACK WITH SIDE SOLDER TABS			
mm	1:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 686808 DRWN: AKUMAR19 CHK'D: KLANG APPR: KLANG INITIAL REVISION: DRWN: DBYRNES APPR: EOMAHONY		PRODUCT CUSTOMER DRAWING			
ANGULAR TOL	± 2.0 °			DOCUMENT NUMBER			
4 PLACES	±			SD-85502-101			
3 PLACES	±			PSD 001 E2			
2 PLACES	± 0.25			2006/07/04			
1 PLACE	± 0.35	2006/07/07		SHEET NUMBER			
0 PLACES	±	A3-SIZE 85502		2 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	85502	SEE TABLE	GENERAL MARKET	2 OF 2