

NOTES:

1- MATERIAL:

HOUSING: LCP GLASS FILLED UL 94V0 COLOUR: BLACK

TERMINAL: BRASS PLATED WITH:
0.00127/.000050 MIN GOLD IN CONTACT AREA,
0.00190/.000075 MIN PURE TIN IN TAIL AREA,
BOTH OVER 0.00127/.000050 MIN NICKEL OVERALL.
SOLDER TABS: BRASS PLATED WITH 0.0020/.000078 MIN TIN.

2- JACK FOR MATING WITH F.C.C.68 PLUGS.
(MOLEX 90075 SERIES).

3- PRODUCT SPECIFICATION: MOLEX PS-85502-001

4- POLYIMIDE ADHESIVE TAPE FOR PICK & PLACE SURFACE.
THICKNESS: 125 μm /4921 μ''

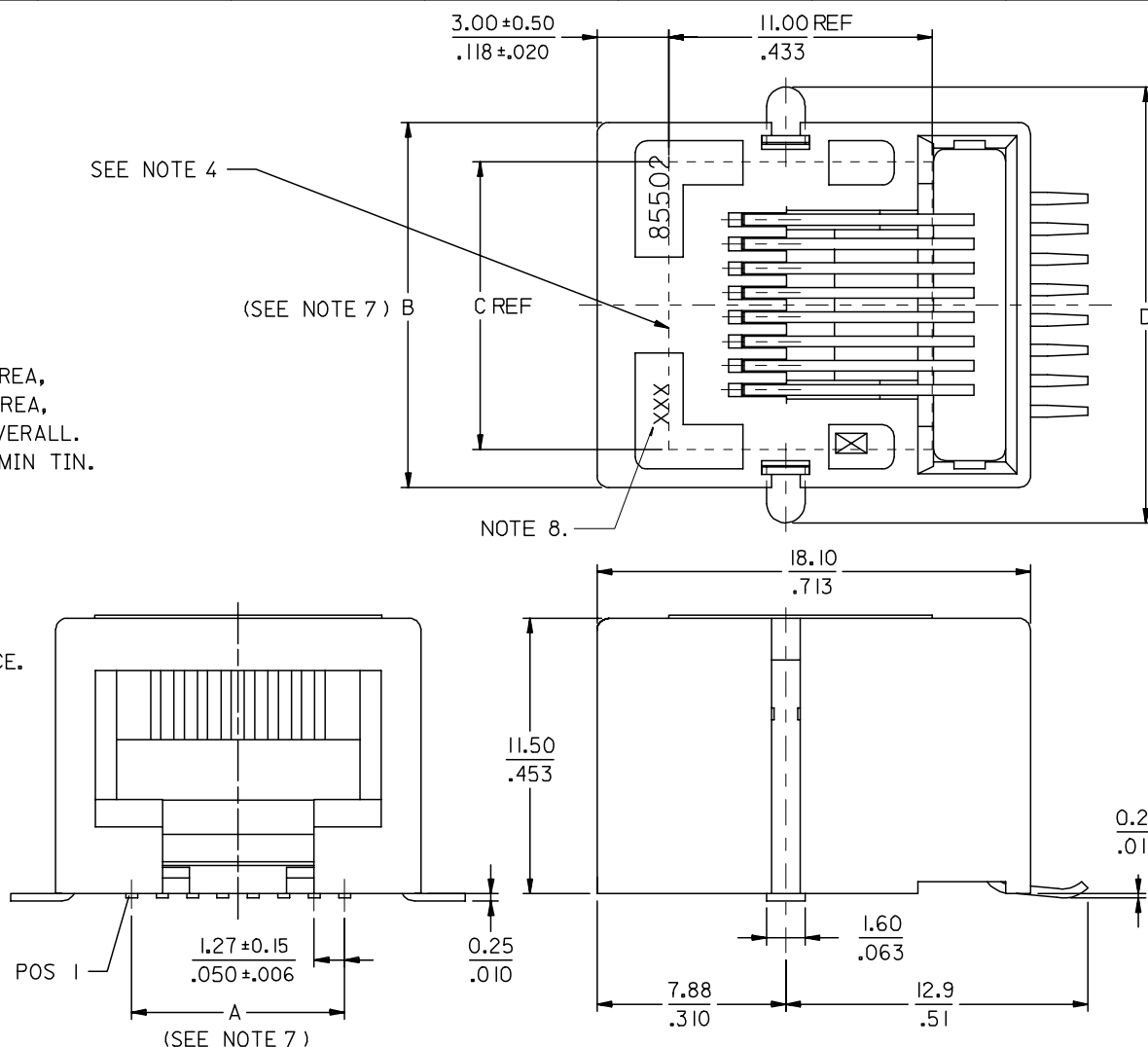
5- PACKAGING SPECIFICATION: MOLEX PK-85502.
(BLISTER PACKAGING).

6- COPLANARITY OF SIGNAL LEADS: 0.10/.004

7- SEE DIMENSIONS IN CHART ON SHEET 2.

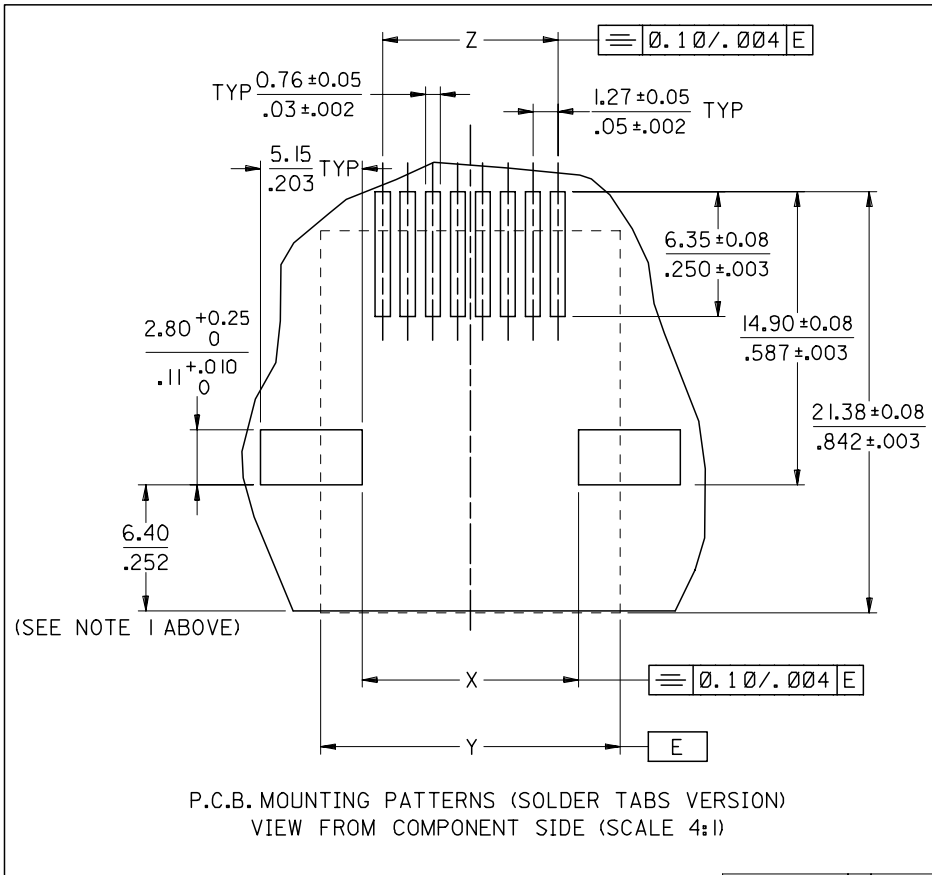
8- MANUFACTURING I.D. CAN BE EITHER MG, MXF OR MXI.

9- APPLICATION SPECIFICATION: AS-85513-001



MODIFIED MATERIAL EC NO: E2007-0717 2007/02/15 DRWN:DBYRNES 2007/02/15 CHKD: 2007/02/15 APPR:EOMAHONY		DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ □		
					mm	INCH	DRAWN BY DB	DATE 2006/06/12	TITLE R/A LOW PROFILE TRUE SMT 4,6 & 8 CONTACTS PC JACK WITH SIDE SOLDER TABS			
				4 PLACES	± ---	± ---	CHECKED BY	DATE				
				3 PLACES	± ---	± .010	EOMAHONY	2006/06/15				
				2 PLACES	± 0.25	± .014	APPROVED BY	DATE				
				1 PLACE	± 0.35	± ---	EOMAHONY	2006/06/15	molex MOLEX INCORPORATED			
				ANGULAR ± 2 °			MATERIAL NO.		DOCUMENT NO.			SHEET NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART SHT 2		SD-85502-101			1 OF 2
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

NOTE 1: RECOMMENDED DISTANCE FROM THE PCB'S EDGE



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

TYPE DIM	POS 4	POS 6		POS 8
	4 CKTS	4 CKTS	6 CKTS	8 CKTS
A ±0.15 / .006	3.81 / .150	3.81 / .150	6.35 / .250	8.89 / .350
B	11.18 / .440	13.21 / .520	13.21 / .520	15.24 / .600
C (REF)	8.50 / .335	8.50 / .335	8.50 / .335	12.00 / .472
D ±0.35 / .014	14.13 / .556	16.16 / .636	16.16 / .636	18.19 / .716
X ±0.10 / .004	6.94 / .273	8.97 / .353	8.97 / .353	11.00 / .433
Y (REF)	11.18 / .440	13.21 / .520	13.21 / .520	15.24 / .600
Z ±0.05 / .002	3.81 / .150	3.81 / .150	6.35 / .250	8.89 / .350

SEE SHEET 1
EC NO: E2007-0717
DRWN: DBYRNES
CHKD:
APPR: EOMAHONY
REV

QUALITY
SYMBOLS
▽=0
▽=0
DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY
DB

CHECKED BY
EOMAHONY

APPROVED BY
EOMAHONY

MATERIAL NO.

DATE
2006/06/12

DATE
2006/06/15

DATE
2006/06/15

SEE CHART

SCALE
5:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
R/A LOW PROFILE TRUE SMT
4,6 & 8 CONTACTS PC JACK
WITH SIDE SOLDER TABS

MOLEX INCORPORATED

DOCUMENT NO.
SD-85502-101

SHEET NO.
2 OF 2

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