

NOTES:

1- MATERIAL:

HOUSING: LCP GLASS FILLED UL 94V0, 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-85502-001

SOLDER PEGS: COPPER ALLOY PLATED WITH TIN.

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

3- PRODUCT SPECIFICATION: MOLEX PS-85502-001

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

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

6- COPLANARITY OF SIGNAL LEADS: 0.10

7- SEE DIMENSIONS IN CHART ON SHEET 2.

8- P.C. BOARD THICKNESS: 1.57

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

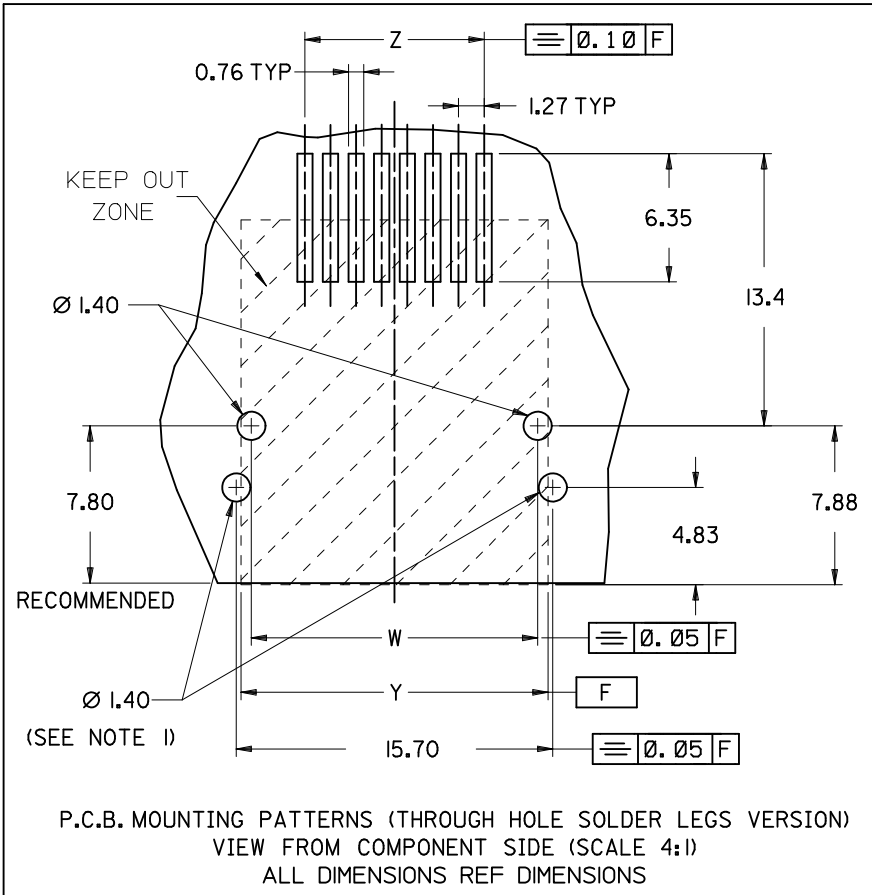
10- APPLICATION SPEC: AS-85513-001

LAST INSPECTION NUMBER: 14

REMOVED PLATING OPTION EC NO: IPG2012-0691 DRW:DBYRNES 2012/04/02 CHKD:MAHER 2012/04/17 APPR:EFOLAN 2012/06/26	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY DB	DATE 2006/06/12	TITLE R/A LOW PROFILE P.C.JACK SMT; 4,6 & 8 CKTS WITH THROUGH HOLE SOLDER PEGS			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY EOMAHONY	DATE 2006/06/15	MOLEX MOLEX INCORPORATED			
		2 PLACES ± 0.25 ± ---	1 PLACE ± 0.35 ± ---	APPROVED BY EOMAHONY	DATE 2006/06/15	DOCUMENT NO. SD-85502-103			
ANGULAR ± 2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART SHT 2		SHEET NO. 1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

NOTES

- 1 : TWO OPTIONAL HOLES FOR THE 8 POSITION-VERSION FOR THE COMPATIBILITY WITH THE INTERNAL SHIELDED VERSION.
- 2 : PLATING SEE SHEET ONE



HOUSING COLOR	POS 4		POS 6		POS 6		POS 8		
	4 CKTS	TOOLED	4 CKTS	TOOLED	6 CKTS	TOOLED	8 CKTS	TOOLED	
STANDARD VERSION	BLACK	85502-5009	X	85502-5010	X	85502-5011	X	85502-5012	X

TYPE	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
E	11.08	13.11	13.11	15.14
W ±0.05	10.13	12.16	12.16	14.19
Y (REF)	11.18	13.21	13.21	15.24
Z ±0.05	3.81	3.81	6.35	8.89

P.C.B. MOUNTING PATTERNS (THROUGH HOLE SOLDER LEGS VERSION)
VIEW FROM COMPONENT SIDE (SCALE 4:1)
ALL DIMENSIONS REF DIMENSIONS

SEE SHEET 1
EC NO: IPG2012-0691
DRAWN:DBYRNES 2012/04/02
CHKD:DMAHER 2012/04/17
APPR:EFOLAN 2012/06/26

QUALITY SYMBOLS
▽=0
◻=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.25 ± ---
1 PLACE ± 0.35 ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY
DRAWN BY DB DATE 2006/06/12
CHECKED BY EOMAHONY DATE 2006/06/15
APPROVED BY EOMAHONY DATE 2006/06/15
MATERIAL NO.
SIZE A3

SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION
TITLE RIGHT ANGLE LOW PROFILE SMT PC JACK WITH THROUGH HOLE SOLDER PEGS
MOLEX MOLEX INCORPORATED
DOCUMENT NO. SD-85502-103 SHEET NO. 2 OF 2
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