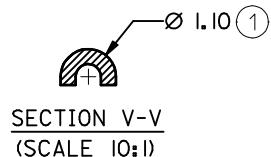


10 9 8 7 6 5 4 3 2 1



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-95501

SOLDER PEGS: COPPER ALLOY PLATED WITH TIN.

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

3- PRODUCT SPECIFICATION: MOLEX PS-95501

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

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

6- COPLANARITY OF SIGNAL LEADS: 0.10

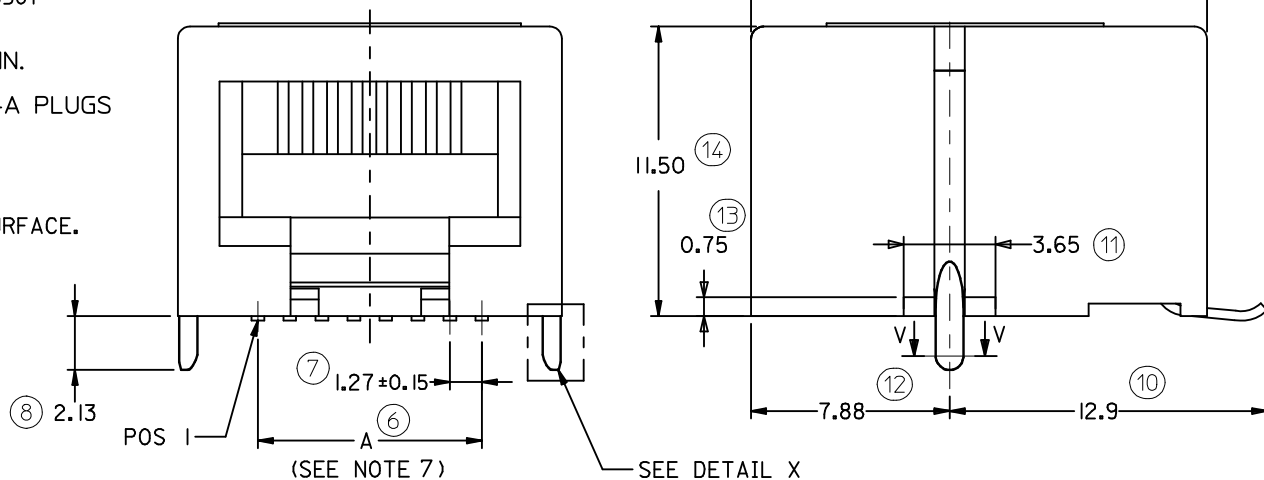
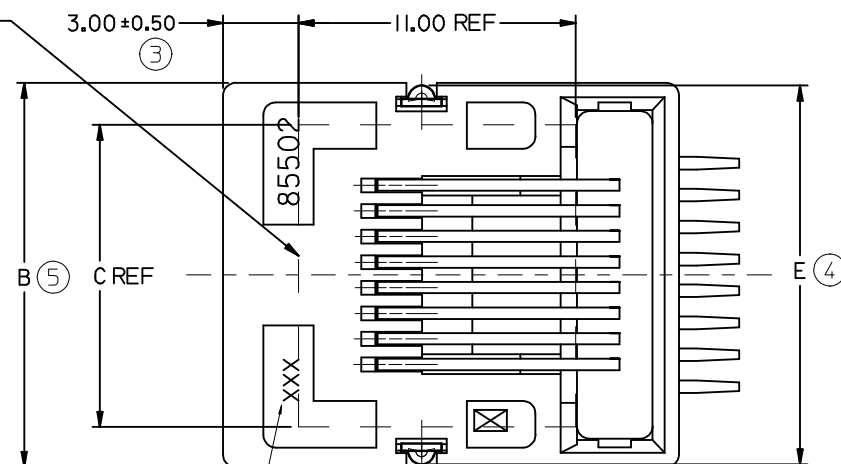
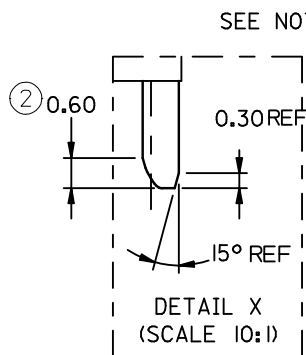
7- SEE DIMENSIONS IN CHART ON SHEET 2.

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



CHANGED PROD SPEC EC NO: IPG2013-0771 DRWN:DBYRNES CHKD: APPR:STGRIFFIN REV	DESCRIPTION 2012/11/23 2012/12/13	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 ± ---	± ---	CHECKED BY EOMAHONY	DATE 2006/06/15						
			3 PLACES ± ---	± ---	APPROVED BY EOMAHONY		DATE 2006/06/15	MOLEX MOLEX INCORPORATED				
			2 PLACES ± 0.25	± ---	MATERIAL NO.		DOCUMENT NO. SD-85502-103					
			1 PLACE ± 0.35	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART SHT 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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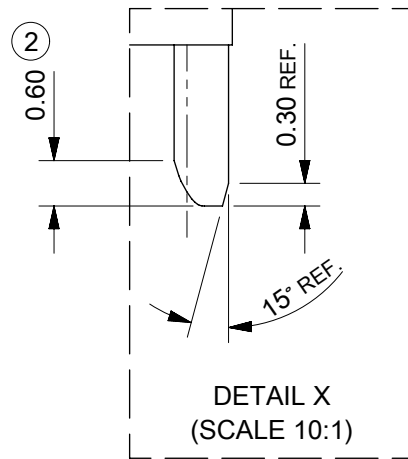
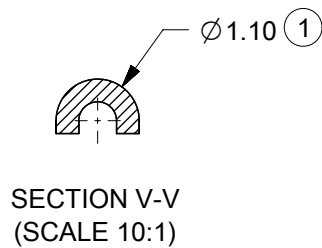
E

D

C

B

A



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 PEGS: COPPER ALLOY PLATED WITH TIN.

2. JACK FOR MATING WITH IEC 60603-7 & 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).

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. MAY BE EITHER MG, MXF, MXI OR MXCH.

10. APPLICATION SPEC: AS-85513-001

LAST INSPECTION NUMBER: 14

SEE NOTE 4

③

3.00 ±0.50

11.00 REF.

⑤

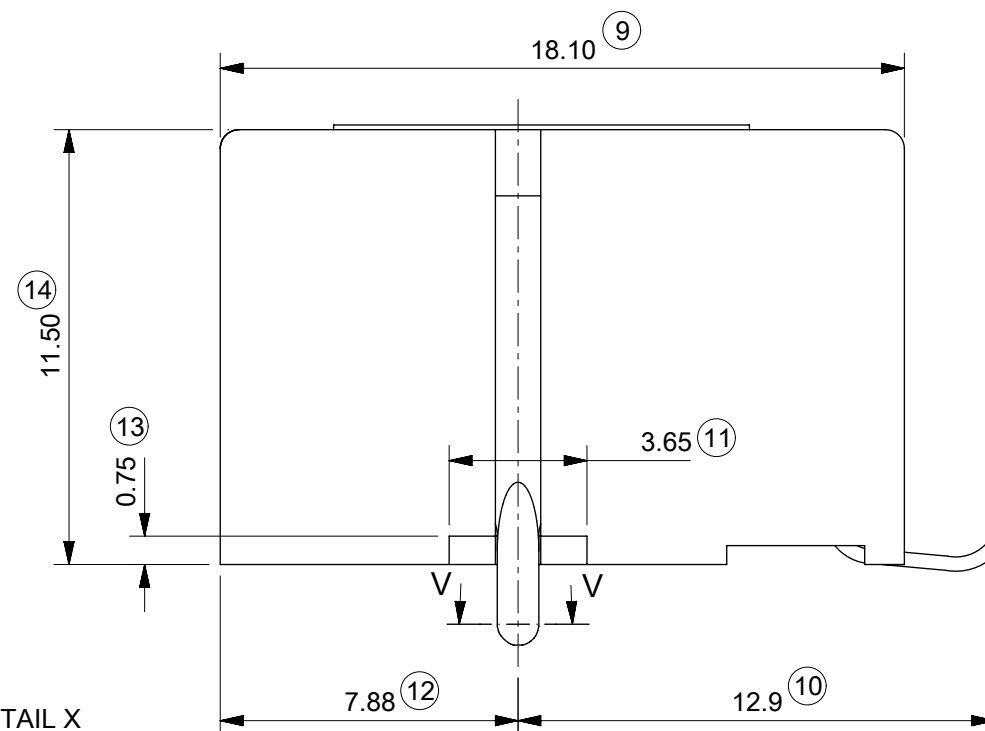
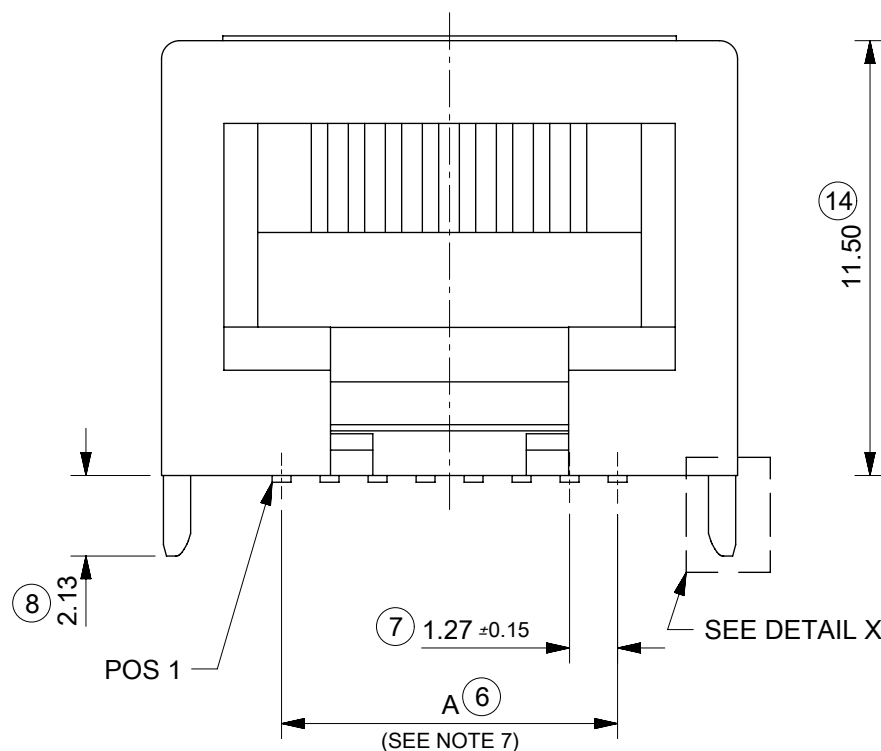
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C REF.

NOTE 9.

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E



FUNCTIONAL SYMBOLS	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: ADD "MXCH" AS MANUFACTURING I.D. SEE NOTE 9.			molex							
	mm		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641518 DRWN: CRAODOREMS CHK'D: KLANG APPR: KLANG 2018/03/21 2020/08/25 2020/08/25					RIGHT ANGLE LOW PROFILE SMT PC JACK WITH THROUGH HOLE SOLDER PEGS							
ANGULAR TOL ± 2.0 °															
DIVISIONAL SYMBOLS	4 PLACES					±		INITIAL REVISION: DRWN: DBYRNES APPR: EOMAHONY 2006/07/04 2006/07/07			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	3 PLACES		±		SD-85502-103		PSD				002	E1			
	2 PLACES		± 0.25												
	1 PLACE		± 0.35		MATERIAL NUMBER			CUSTOMER		SHEET NUMBER					
	0 PLACES		±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE CHART		GENERAL MARKET		1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/25	03:53:11
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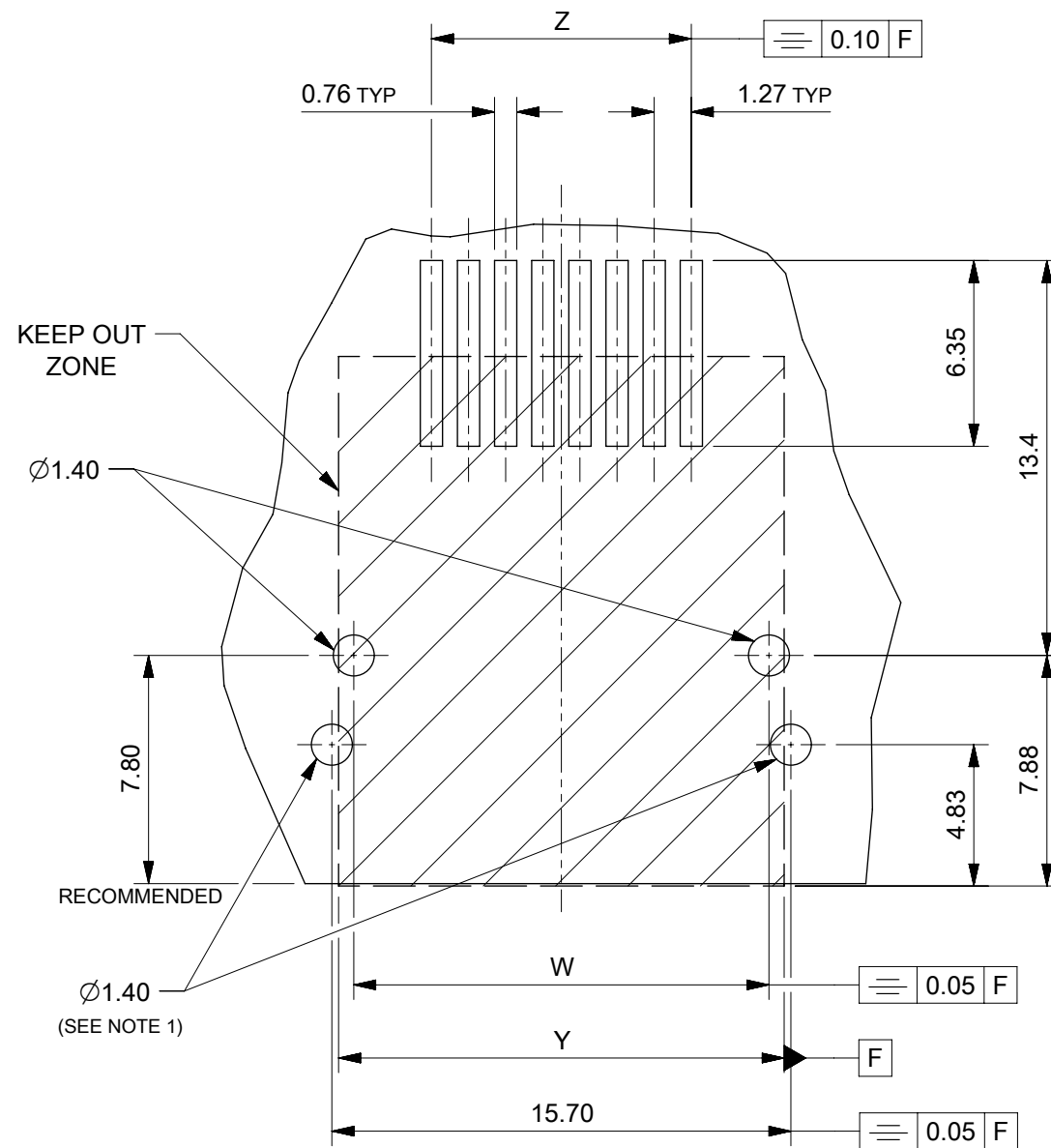
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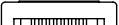
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FORMAT: master-b-prod-A3
REVISION: J
DATE: 2020/01/14

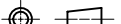
1. TWO OPTIONAL HOLES FOR THE 8 POSITION - VERSION FOR THE COMPABILITY WITH THE INTERNAL SHIELDED VERSION.
2. PLATING SEE SHEET 1.



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

PART NUMBERS FOR SMT JACK WITH THROUGH HOLE SOLDER PEGS									
	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	85502-5009	X	85502-5010	X	85502-5011	X	85502-5012	X

TYPE DIM.	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

FUNCTIONAL SYMBOLS	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: ADD "MXCH" AS MANUFACTURING I.D. SEE NOTE 9.		molex						
	mm		5:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641518 DRWN: CRAODOREMS CHK'D: KLANG APPR: KLANG				RIGHT ANGLE LOW PROFILE SMT PC JACK WITH THROUGH HOLE SOLDER PEGS						
ANGULAR TOL ± 2.0 °													
4 PLACES ±		2018/03/21											
DIVISIONAL SYMBOLS	3 PLACES ±		2020/08/25		PRODUCT CUSTOMER DRAWING								
	2 PLACES ± 0.25		2020/08/25										
	1 PLACE ± 0.35		2006/07/04		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
	0 PLACES ±		2006/07/07		SD-85502-103		PSD		002		E1		
	INITIAL REVISION:		2006/07/04		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
	APPR: EOMAHONY		2006/07/07										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE CHART		GENERAL MARKET		2 OF 2	
				A3-SIZE		85502							

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/25	03:53:11
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