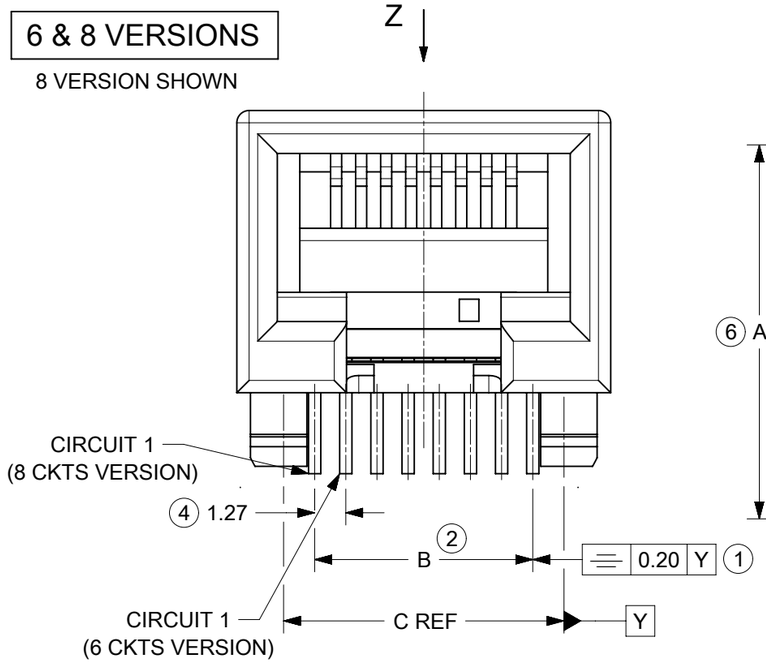
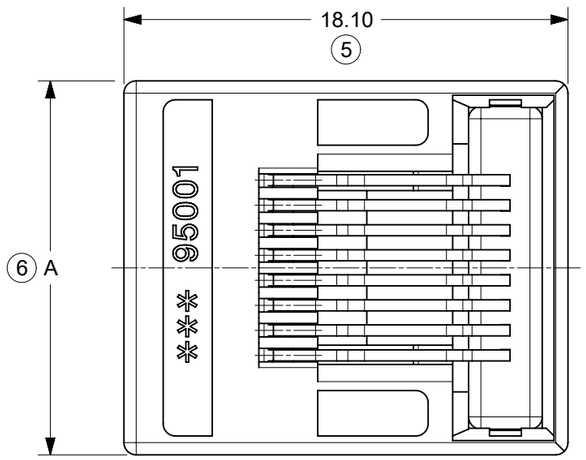
6 & 8 VERSIONS

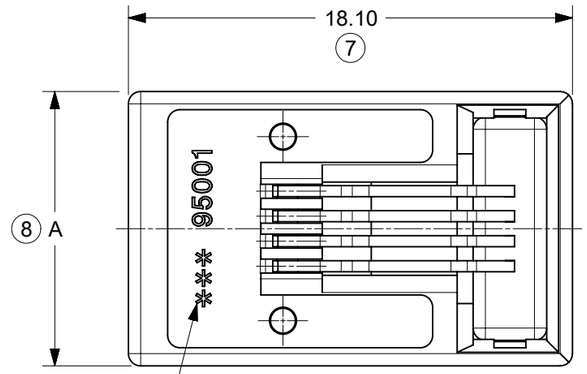
8 VERSION SHOWN





VIEW Z

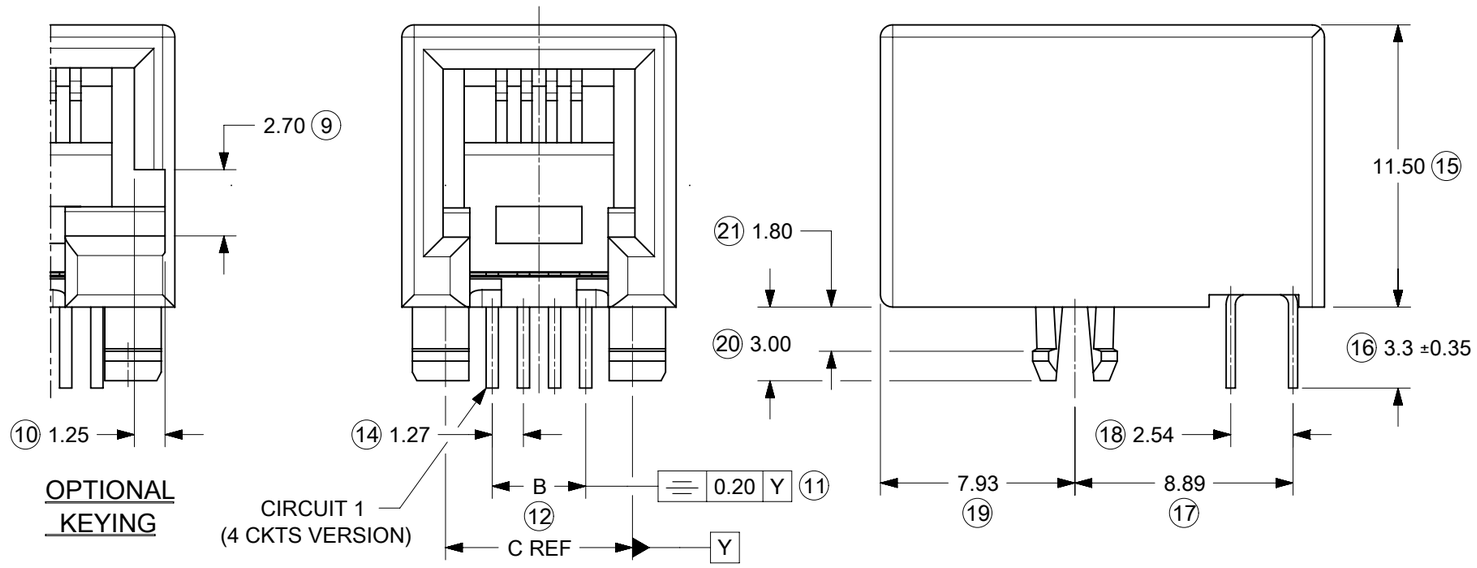
4 VERSION ONLY



NOTES:

1. MATERIAL
   HOUSING: LCP GLASS FILLED UL 94 V-0, COLOUR BLACK.
   TERMINAL: COPPER ALLOY
   BASE FINISH: NICKEL
   CONTACT SURFACE FINISH:
   GOLD
   OR
   GOLD FLASH OVER PALLADIUM NICKEL.
   EXCEEDS PRODUCT REQUIREMENTS BASED ON PSD-95501
2. JACK FOR MATING WITH F.C.C. 68 PLUGS 90075 MOLEX SERIES.
3. PRODUCT SPECIFICATION PSD-95501.
4. PACKAGING SPECIFICATION PK-95001: STANDARD PACKAGING SHEET 1.
   SPECIAL PACKAGING SHEET 2. TUBE PACKAGING SHEET 3.
5. MANUFACTURING I.D. CAN BE EITHER MXF, MG, MXI OR MXCH.
6. RECOMMENDED PCB THICKNESS: 1.57mm
   INSPECTION NUMBERS USED: 1 - 50

   LAST INSPECTION NUMBER: 21
   REMOVED INSPECTION NO: 3, 13



DIM. \ TYPE	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	11.18	13.21	13.21	15.24
C	7.62	10.16	10.16	11.43
B	3.81	3.81	6.35	8.89

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	mm
SCALE	4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ± °	
4 PLACES ±	
3 PLACES ±	
2 PLACES ± 0.15	
1 PLACE ± 0.25	
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMASTERED USING 3D MODELS

EC NO: 686849
DRWN: SANTHN 2021/05/21
CHK'D: KLANG 2022/01/10
APPR: KLANG 2022/01/10

INITIAL REVISION:
DRWN: DBYRNES 2006/10/11
APPR: EOMAHONY 2006/10/12

molex

R/A LOW PROFILE
PC JACK 4,6,8 CKTS SIZE THROUGH HOLE VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-95501-001	PSD	001	F1

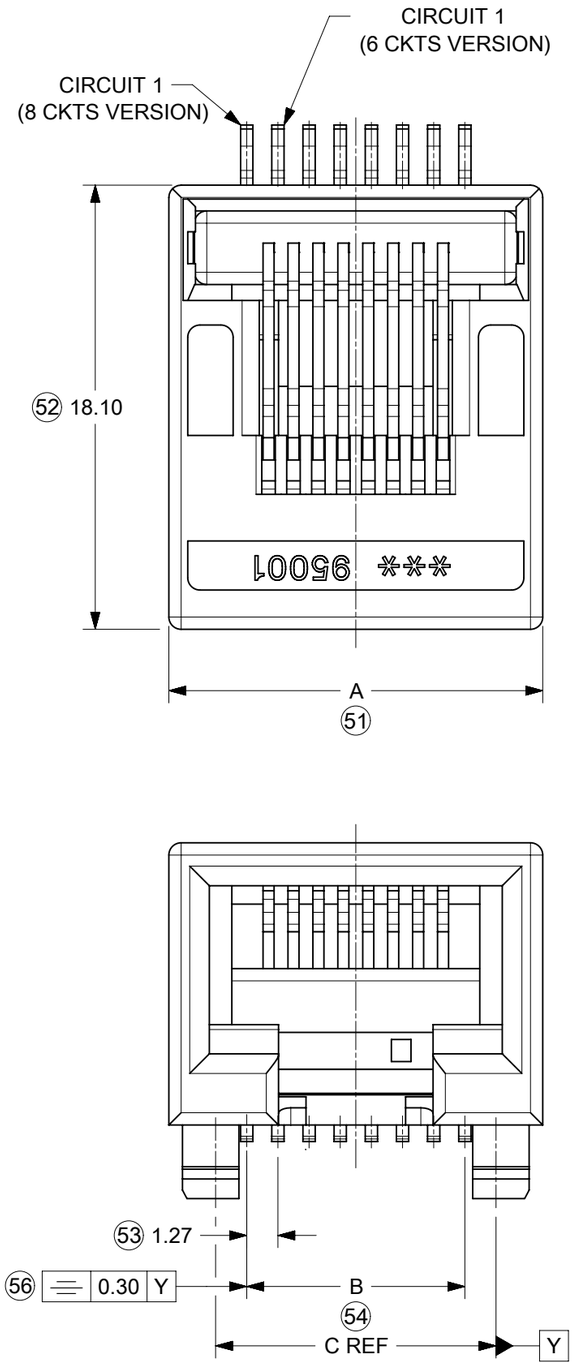
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	95501	SEE CHART	GENERAL MARKET	1 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/10 19:59:33

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

6 & 8 VERSIONS

8 VERSION SHOWN

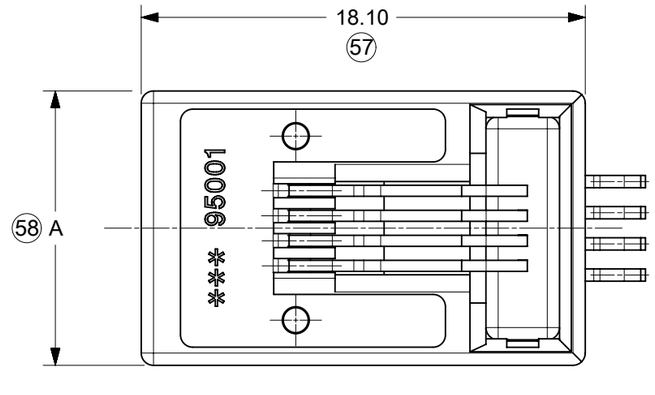


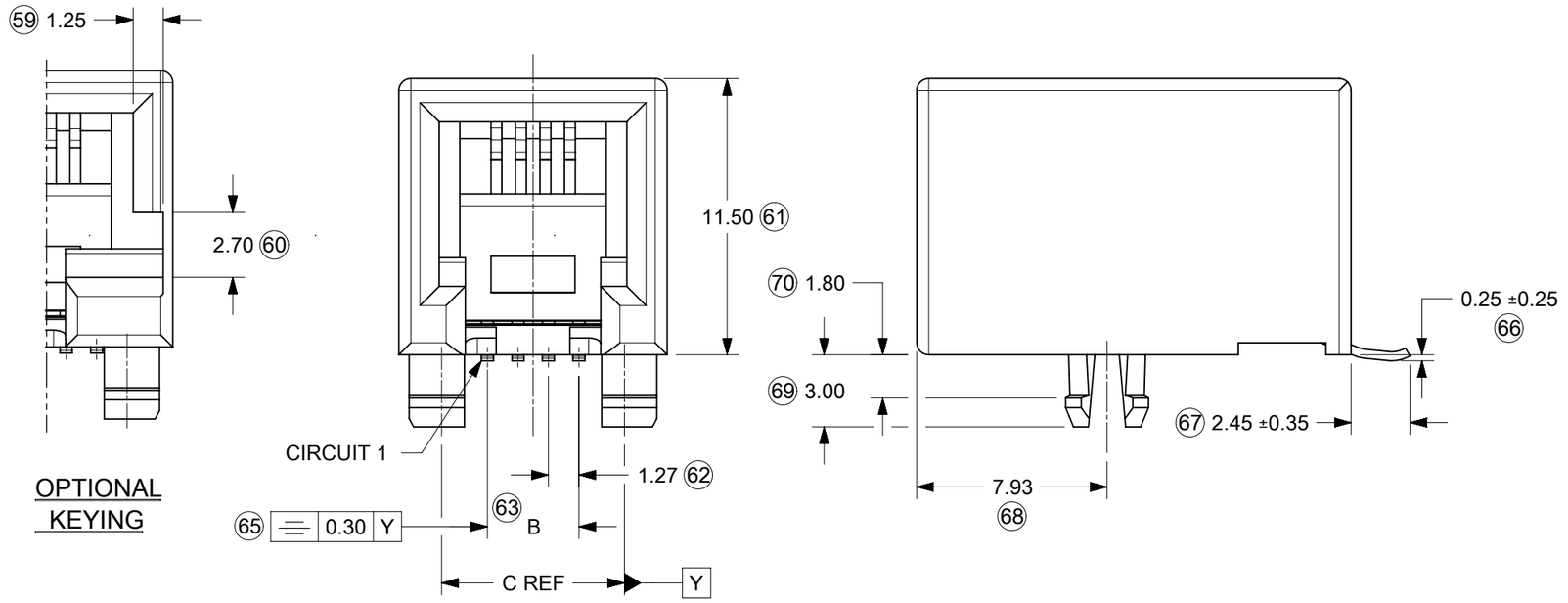
TYPE / DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	11.18	13.21	13.21	15.24
C	7.62	10.16	10.16	11.43
B	3.81	3.81	6.35	8.89

NOTES:
1. MATERIAL:
   HOUSING: LCP GLASS FILLED UL 94V-0.
   COLOUR BLACK.
2. SEE OTHER NOTES SHEET 1.
3. COPLANARITY OF SIGNAL TAILS 0.10mm.

   INSPECTION NUMBERS USED: 51 - 100
   LAST INSPECTION NUMBER: 70
   REMOVED INSPECTION NO: 55, 64

4 VERSION ONLY





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DIMENSION UNITS	mm
SCALE	4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ± °	
4 PLACES ±	
3 PLACES ±	
2 PLACES ± 0.15	
1 PLACE ± 0.25	
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMASTERED USING 3D MODELS

EC NO: 686849
DRWN: SANTHN 2021/05/21
CHK'D: KLANG 2022/01/10
APPR: KLANG 2022/01/10

INITIAL REVISION:
DRWN: DBYRNES 2006/10/11
APPR: EOMAHONY 2006/10/12

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 95501

molex

R/A LOW PROFILE
PC JACK 4,6,8 CKTS SIZE THROUGH HOLE VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-95501-001	PSD	001	F1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 5

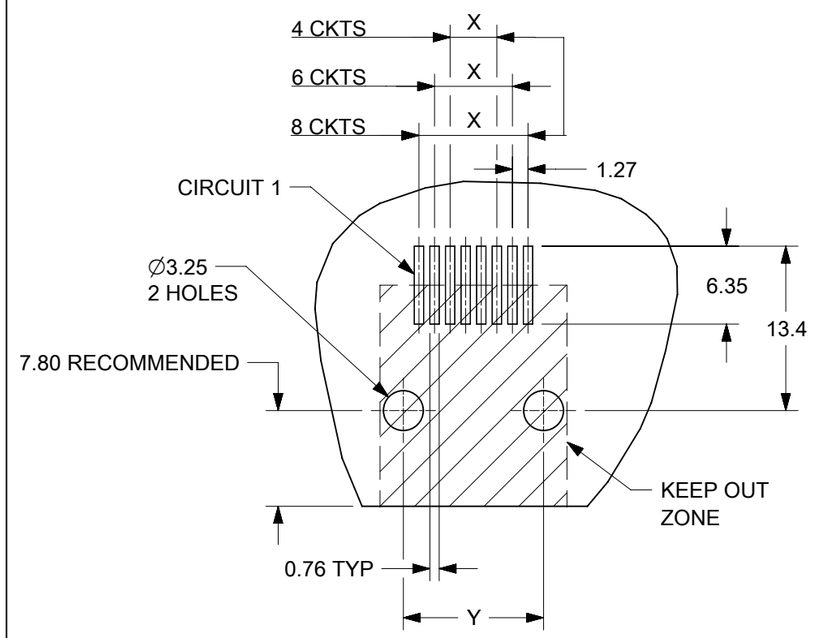
DOCUMENT STATUS	P1	RELEASE DATE	2022/01/10 19:59:33

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

TYPE / DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
Y±0.05	7.62	10.16	10.16	11.43
X±0.05	3.81	3.81	6.35	8.89

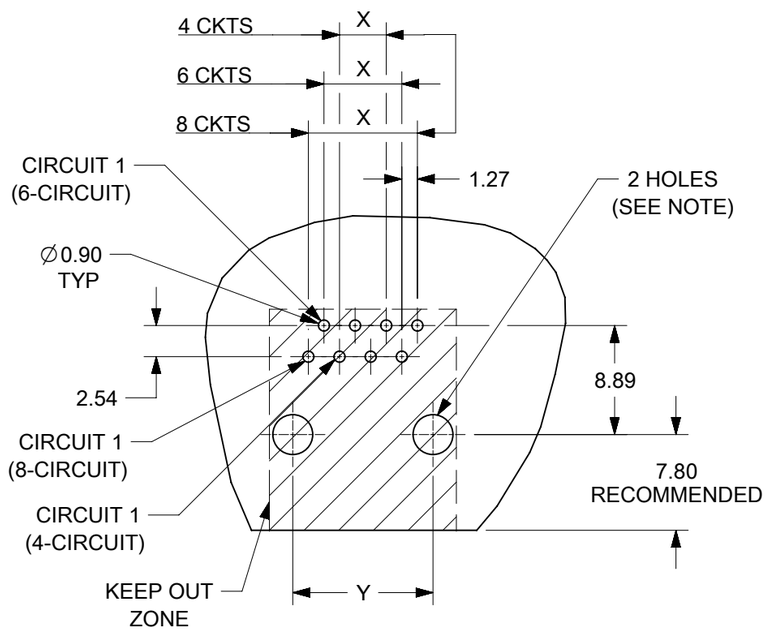
P.C.B. MOUNTING PATTERNS - SEE FROM COMPONENT SIDE

FOR SMT JACK TYPE (SURFACE MOUNT)



FOR ALL VERSIONS, CIRCUIT 1 ALWAYS ON THE LEFT SIDE _FT SIDE

FOR STANDARD JACK TYPE (THROUGH HOLE)



NOTE:
FOR CONVECTION SOLDERING: DIA 3.25±0.05
FOR WAVE SOLDERING: DIA 3.20±0.10
ALL DIMENSIONS REF DIMENSIONS

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DIMENSION UNITS	mm
SCALE	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ±	°
4 PLACES ±	
3 PLACES ±	
2 PLACES ±	0.15
1 PLACE ±	0.25
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMASTERED USING 3D MODELS

EC NO: 686849
DRWN: SANTHN 2021/05/21
CHK'D: KLANG 2022/01/10
APPR: KLANG 2022/01/10

INITIAL REVISION:
DRWN: DBYRNES 2006/10/11
APPR: EOMAHONY 2006/10/12

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 95501

molex

R/A LOW PROFILE
PC JACK 4,6,8 CKTS SIZE THROUGH HOLE VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-95501-001	PSD	001	F1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/10 19:59:33

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

STANDARD PACKAGING OPEN TRAY, SEE PACKAGING SPEC PK95001 SHEET 1

PART NO. FOR JACK ASSEMBLY

THROUGH HOLE VERSION

HOUSING SIZE	LOADED CONTACTS
4	4
6	4
6	6
8	8

LCP GLASS FILLED UL-94V0, COLOUR BLACK.

NO KEY NOT RIBBED	TOOLED	KEY NOT RIBBED	TOOLED		TOOLED		TOOLED
95501-2441	X						
95501-2641	X						
95501-2661	X						
95501-2881	X	95501-2882	X				

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.15
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMASTERED USING 3D MODELS

EC NO: 686849

DRWN:	SANTHN	2021/05/21
CHK'D:	KLANG	2022/01/10
APPR:	KLANG	2022/01/10

INITIAL REVISION:

DRWN:	DBYRNES	2006/10/11
APPR:	EOMAHONY	2006/10/12

molex

R/A LOW PROFILE
PC JACK 4,6,8 CKTS SIZE THROUGH HOLE VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-95501-001	PSD	001	F1

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	95501

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/10 19:59:33

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

SPECIAL PACKAGING TUBE, SEE PACKAGING SPEC PK95001 SHEET 3

HOUSING SIZE	LOADED CONTACTS
4	4
6	4
6	6
8	8

PART NO. FOR JACK ASSEMBLY

THROUGH HOLE VERSION

LCP GLASS FILLED UL 94-V0, COLOUR BLACK.

NO KEY NOT RIBBED	TOOLED	KEY NOT RIBBED	TOOLED		TOOLED		TOOLED
95501-2401	X						
95501-2611	X						
95501-2821	X						

PART NO. FOR JACK ASSEMBLY

SMT VERSION

LCP GLASS FILLED UL 94-V0, COLOUR BLACK.

NO KEY NOT RIBBED	TOOLED	KEY NOT RIBBED	TOOLED	NO KEY NOT RIBBED	TOOLED	KEY NOT RIBBED	TOOLED
95501-6449	X						
95501-6649	X						
95501-6669	X						
95501-6889	X	95501-6890	X				

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °	
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.15
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMASTERED USING 3D MODELS

EC NO: 686849

DRWN:	SANTHN	2021/05/21
CHK'D:	KLANG	2022/01/10
APPR:	KLANG	2022/01/10

INITIAL REVISION:

DRWN:	DBYRNES	2006/10/11
APPR:	EOMAHONY	2006/10/12

molex

R/A LOW PROFILE
PC JACK 4,6,8 CKTS SIZE THROUGH HOLE VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-95501-001	PSD	001	F1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	95501	SEE CHART	GENERAL MARKET	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/10 19:59:33

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14