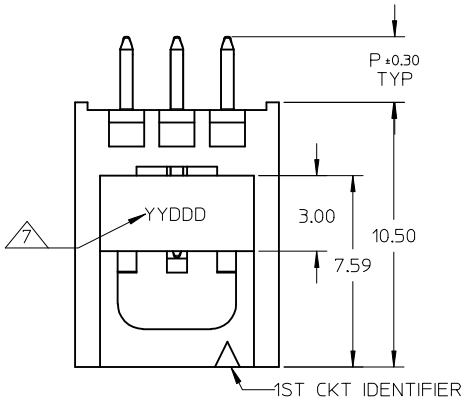
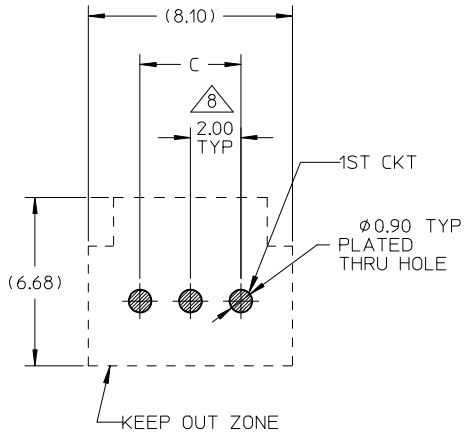
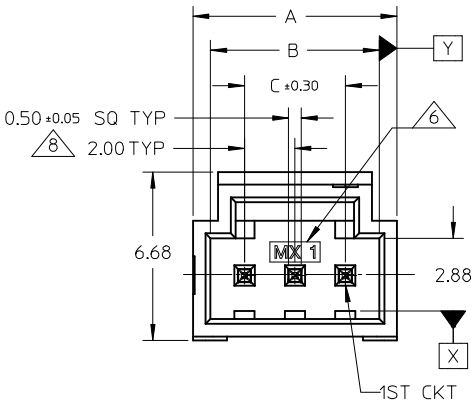
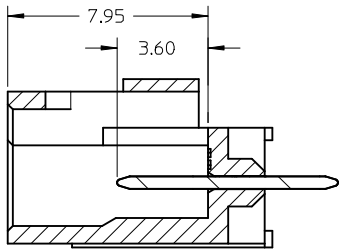
CKT SIZE	DIMENSION				
	A	B	C	D	E
2	6.10	4.70	2.00	7.60	6.40
3	8.10	6.70	4.00	9.60	8.40
4	10.10	8.70	6.00	11.60	10.40
5	12.10	10.70	8.00	13.60	12.40
6	14.10	12.70	10.00	15.60	14.40
7	16.10	14.70	12.00	17.60	16.40
8	18.10	16.70	14.00	19.60	18.40
9	20.10	18.70	16.00	21.60	20.40
10	22.10	20.70	18.00	23.60	22.40



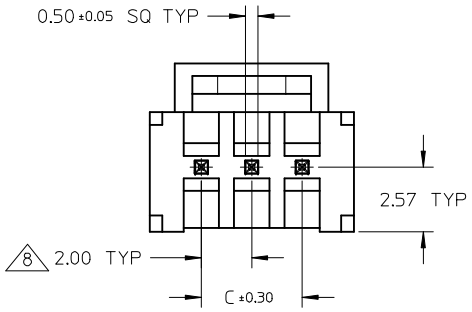
RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: ±0.05







SECTION Z-Z



NOTES:
1. MATERIAL:
   HOUSING: LIQUID CRYSTALLINE POLYMERS (LCP), GLASS FILLED, UL94V-0, BLACK.
   PIN: COPPER ALLOY, 0.50MM SQ
   PICK & PLACE CAP: POLYAMIDE (PA), GLASS FILLED, UL94V-0, BLACK.
2. PLATING: SEE TABLE.
3. PRODUCT SPECIFICATION: PS-151062-0001.
4. PACKAGING SPECIFICATION: PK-151062-0001.
5. TO BE MATED WITH MOLEX RECEPTACLES SERIES: 151100.
6. MANUFACTURING ID & CAVITY ID SHALL BE LOCATED APPROXIMATELY AS SHOWN.
7. DATE CODE: YYDDD IS LOCATED APPROXIMATELY AS SHOWN.
8. PITCH TOLERANCE SHALL BE NON ACCUMULATED.

RELEASE TO REV A
EC NO: S2016-0665 2016/01/27
DRWN:FCS00 2016/02/16
CH'KD:CGOH 2016/02/16
APPR:KHLIM 2016/02/16
DESCRIPTION
REV
A

QUALITY SYMBOLS
F_A=0
F_C=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: FCS00 DATE: 2014/12/16
CHECKED BY: FCS00 DATE: 2014/12/16
APPROVED BY: KHLIM DATE: 2015/07/02

TITLE: SALES DRAWING
PCB HEADER, VERTICAL TH
SINGLE ROW MILLIGRID

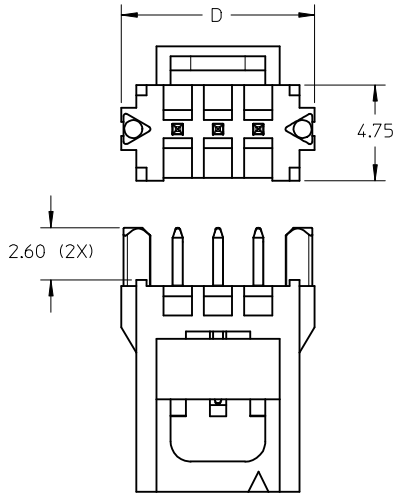
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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-151063-0001
SHEET NO.: 1 OF 3

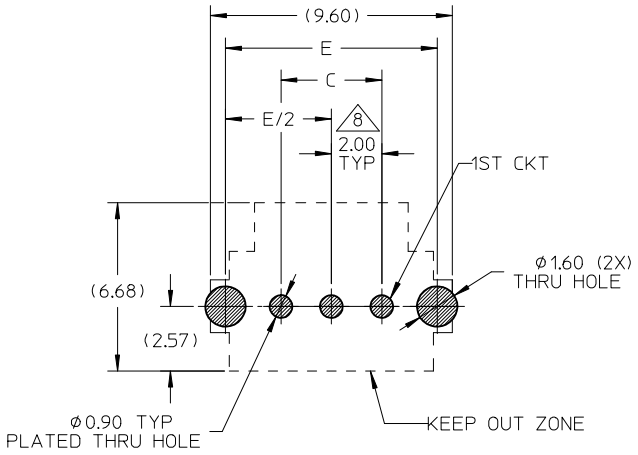
SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

WITH PEG

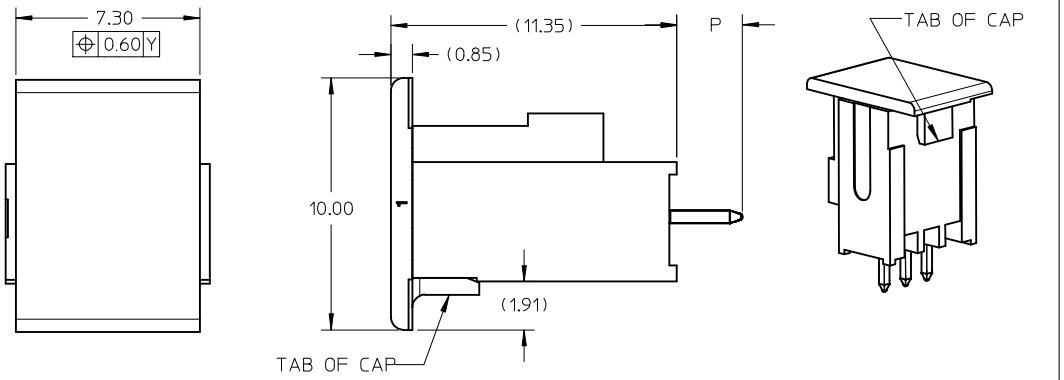


RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: ±0.05

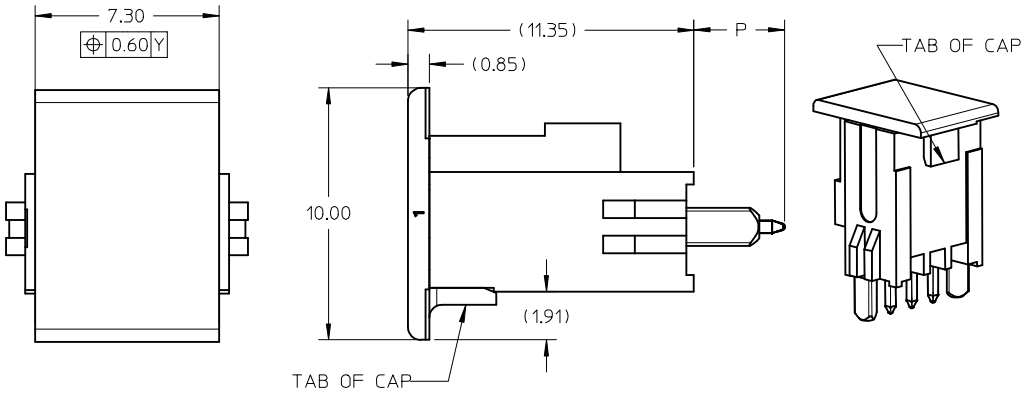


OPTIONAL PICK & PLACE CAP

(HEADER WITHOUT PEG)



(HEADER WITH PEG)



RELEASE TO REV A
EC NO: S2016-0665 2016/01/27
DRWN:FCS00 2016/02/16
CH'KD:CG0H 2016/02/16
APPR:KHLIM 2016/02/16
DESCRIPTION
A
REV

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: FCS00 DATE: 2014/12/16
CHECKED BY: FCS00 DATE: 2014/12/16
APPROVED BY: KHLIM DATE: 2015/07/02
MATERIAL NO.: SEE TABLE

TITLE
SALES DRAWING
PCB HEADER, VERTICAL TH
SINGLE ROW MILLIGRID

molex

DOCUMENT NO.: SD-151063-0001
SHEET NO.: 2 OF 3

SIZE A3

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ASSEMBLY

151063 - X X X X

02 - 10	2-10 CKT W/O PEG
52 - 60	2-10 CKT WITH PEG

52 = 2CKT
53 = 3CKT
.
.
.
59 = 9CKT
60 = 10CKT

	PLATING	CAP VERSION
0	FULL TIN	WITHOUT CAP
1	Au FLASH	
2	0.38 Au	
3	0.75 Au	
4	FULL TIN	WITH CAP
5	Au FLASH	
6	0.38 Au	
7	0.75 Au	
8	OTHER OPTIONS	
9		

	P TAIL LENGTH	PACKAGING
0	2.60	TAPE & REEL
1	3.60	
2	4.60	
3	2.60	TUBE
4	3.60	
5	4.60	
6		OTHER OPTIONS
7		
8		
9		

PLATING OPTIONS	
-*0** & -*4**	2.50μm MIN. TIN ON CONTACT AND 2.00μm MIN. TIN (MATTE) ON SOLDERTAIL OVER 1.25μm MIN. NICKEL OVERALL
-*1** & -*5**	0.05μm MIN. GOLD PLATE ON CONTACT AND 2.00μm MIN. TIN (MATTE) ON SOLDERTAIL OVER 1.25μm MIN. NICKEL OVERALL.
-*2** & -*6**	0.38μm MIN. GOLD PLATE ON CONTACT AND 2.00μm MIN. TIN (MATTE) ON SOLDERTAIL OVER 1.25μm MIN. NICKEL OVERALL.
-*3** & -*7**	0.75μm MIN. GOLD PLATE ON CONTACT AND 2.00μm MIN. TIN (MATTE) ON SOLDERTAIL OVER 1.25μm MIN. NICKEL OVERALL.

PACKAGING OPTION AND CAP	
TAPE & REEL	151000-4***
PACKAGING TUBE	151000-3015 (WITHOUT CAP) 151000-3018 (WITH CAP)
CAP	151088-0001

P TAIL LENGTH	RECOMMENDED PCB THICKNESS
2.60	1.50
3.60	2.50
4.60	3.50

RELEASE TO REV A
EC NO: S2016-0665 2016/01/27
DRWN:FCS00 2016/02/16
CH'KD:CGOH 2016/02/16
APPR:KHLIM 2016/02/16
DESCRIPTION
A
REV

QUALITY SYMBOLS
F_A=0
F_C=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: FCS00 DATE: 2014/12/16
CHECKED BY: FCS00 DATE: 2014/12/16
APPROVED BY: KHLIM DATE: 2015/07/02

TITLE: SALES DRAWING
PCB HEADER, VERTICAL TH
SINGLE ROW MILLIGRID

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-151063-0001
SHEET NO.: 3 OF 3
SIZE: A3

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Unikeyic Electronics

Global Electronic Components Distributor

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molex:

447641402 459705185 151670255 152670269 190690096 190990010 447642001 151660057 760475001
0436400901 152670251 397730002 430451220 439151216 444280402 447691602 190670071
430450225 5046940301 0190700155 152660117 152670357 190730231 398800403 436803002
759001161 0190690033 0436802002 190990009 417920538