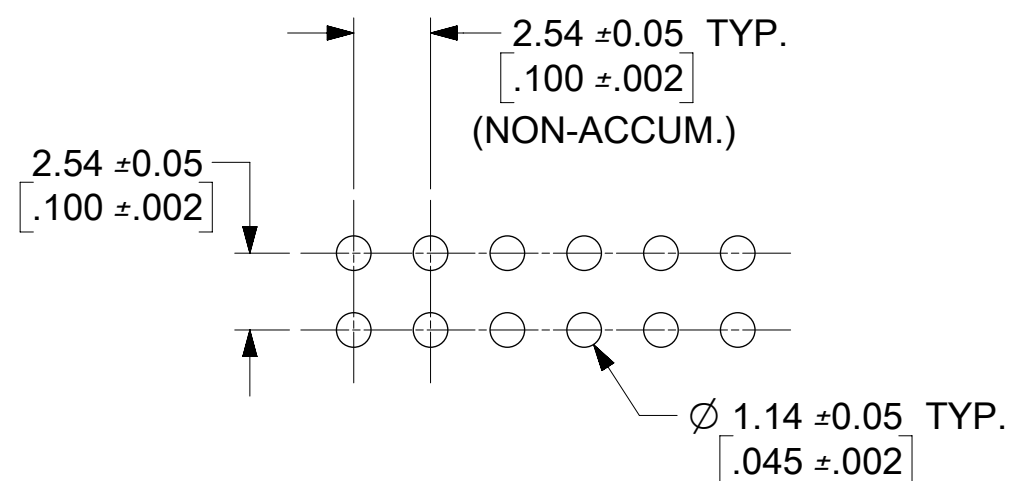
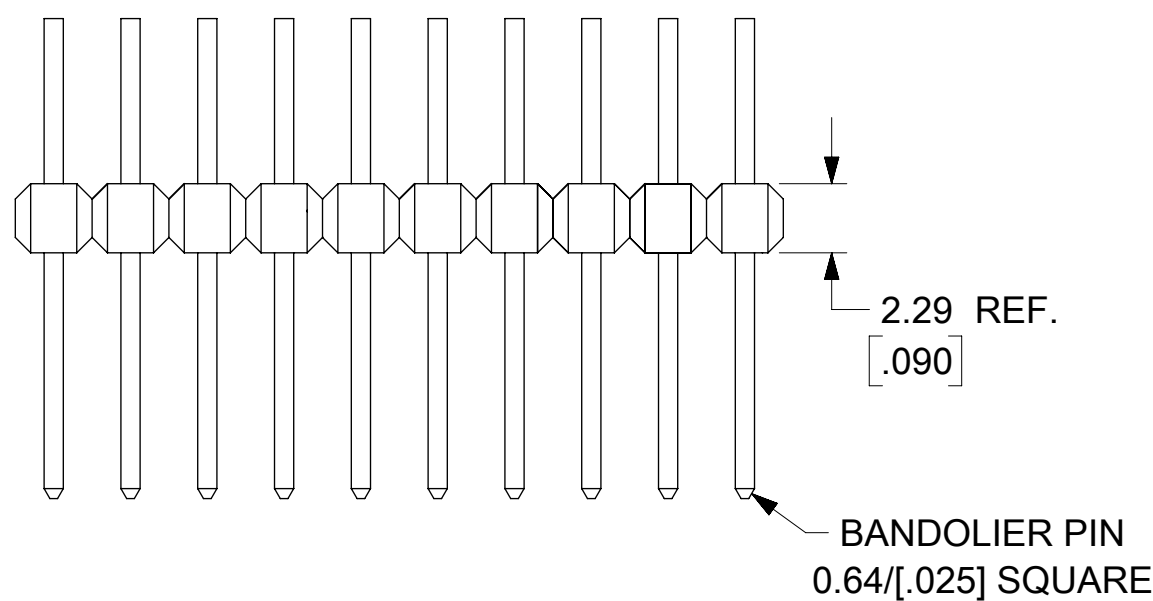
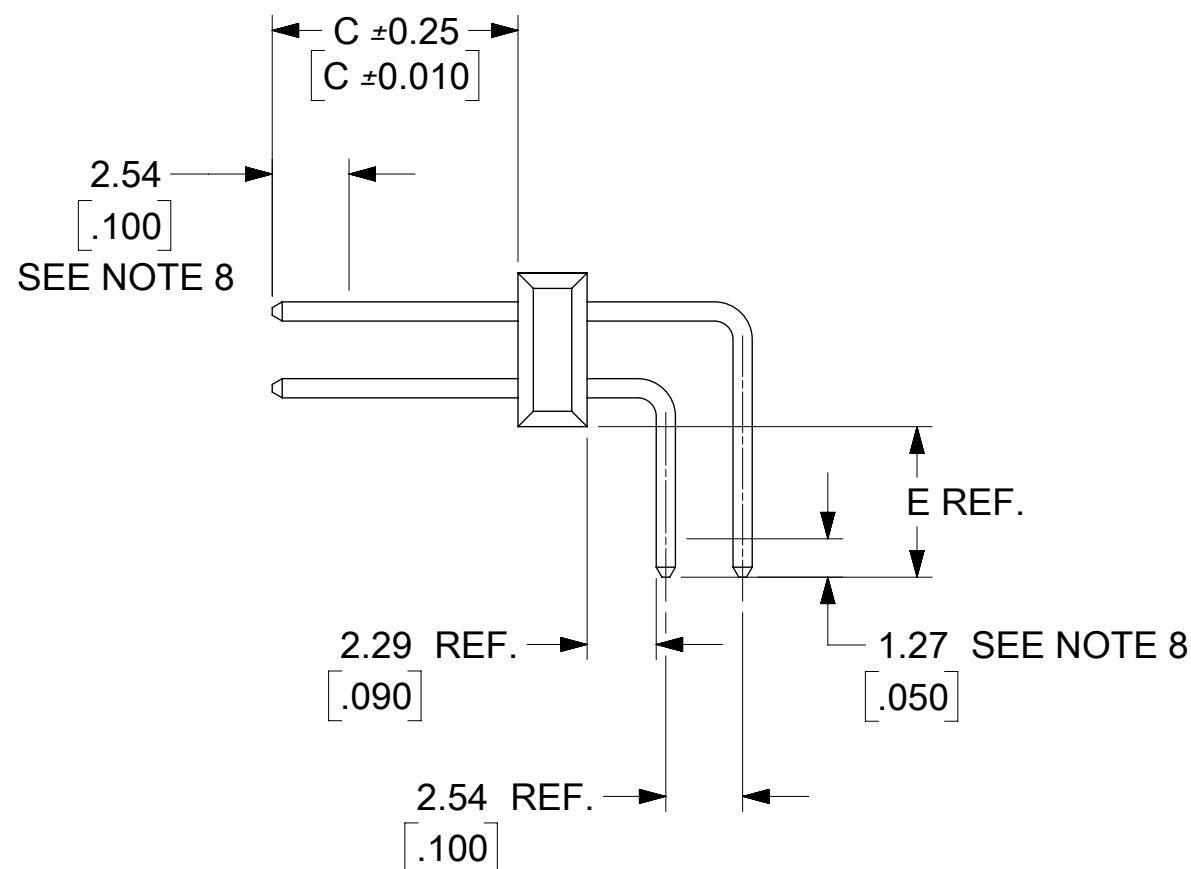
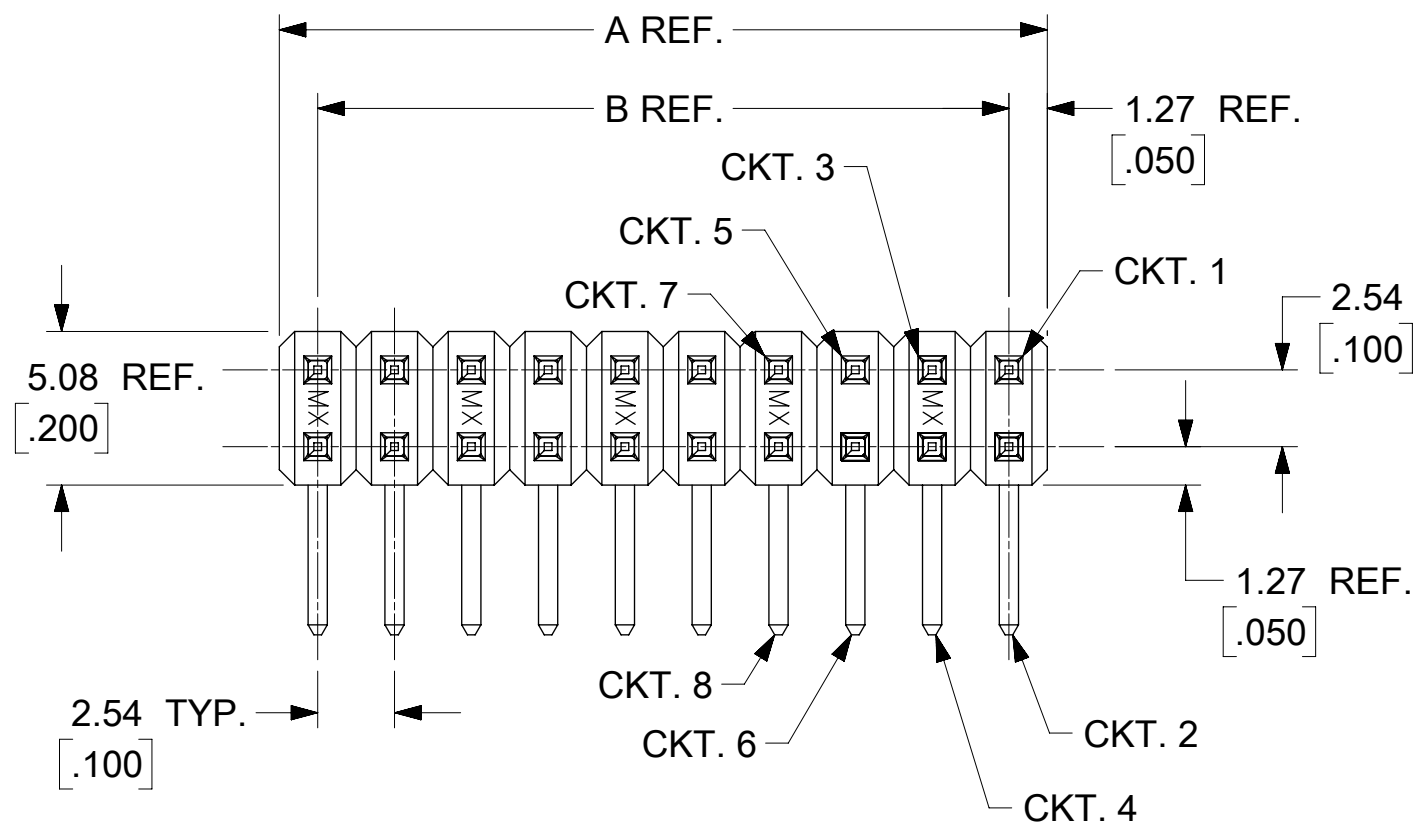




RECOMMENDED P.C. BOARD HOLE LAYOUT



NOTES:

1. MATERIAL: WAFER - HIGH TEMPERATURE THERMAL PLASTIC, 94V-0; COLOR: BLACK
PIN - COPPER ALLOY
2. PLATING:
 - TIN - 0.00381/[.000150] MINIMUM TIN PLATE
OVER NICKEL PLATE.
 - 15 GOLD - 0.00038/[.000015] MINIMUM GOLD PLATE IN SELECT AREA,
0.00191/[.000075] MINIMUM TIN PLATE IN SELECT AREA,
OVER NICKEL PLATE OVERALL.
 - 30 GOLD - 0.00076/[.000030] MINIMUM GOLD PLATE IN SELECT AREA,
0.00191/[.000075] MINIMUM TIN PLATE IN SELECT AREA,
OVER NICKEL PLATE OVERALL.
- * THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO
RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.
3. PRODUCT CONFORMS TO PS-71764.
4. PACKAGING INFORMATION:
 - FOR 4 THRU 8 CIRCUIT PARTS USE PK-70873-0353
 - FOR 10 CIRCUITS AND OVER USE PK-70873-0075
5. FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
6. PINS MUST MEET SOLDERABILITY SPEC. ES-152, EXCEPT VOIDS ARE
PERMISSIBLE AT BANDOLIER PIN AT BANDOLIER PIN FAYING SURFACE.
(APPROX. 0.64/[.025] LNG X 0.15/[.006] WD. REF.) 2 LOCATIONS
7. WAFER TO BE FLAT WITHIN 0.03 MM/CM OR [.003 IN./IN]
8. MEASURE POINT FOR PLATING THICKNESS.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS
OF COSMETIC SPECIFICATION PS-45499-002

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515931			molex								
MM/INCH		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)							DUAL ROW WAFER ASSY W/BREAK-OFF OPTION RT. ANG. (0.64)/.025 SQ PINS								
	MM		INCH												
4 PLACES	±			EC NO: 812933			PRODUCT CUSTOMER DRAWING								
3 PLACES	±	± 0.01		DRWN: MADHAM5 2025/02/07											
2 PLACES	±	0.25	± 0.01	CHK'D: GGA 2025/03/03											
1 PLACE	±	0.25	±	APPR: GGA 2025/03/03			DOCUMENT NUMBER SD-71764-001								
0 PLACES	±			INITIAL REVISION:						DOC TYPE	DOC PART	REVISION			
ANGULAR TOL ± 0.5 °				DRWN: CAC 1985/08/23						PSD	001	A4			
				APPR: DJB 1985/08/23											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 71764		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3	

ITEM NO: 71764-0004/0030, 9003		
DIM. C		6.10/[.240]
DIM. E (REF.)		2.79/[.110]
FINISH		TIN
CONNECTOR END PLATING		TIN
P.C. BOARD END PLATING		TIN
PACKAGING		SEE NOTE 4 SHEET 1
CKTS	ITEM NUMBER	VOIDS
04	71764-0004	
06	71764-0006	
08	71764-0008	
10	71764-0010	
12	71764-0012	
14	71764-0014	
16	71764-0016	
18	71764-0018	
20	71764-0020	
22	71764-0022	
24	71764-0024	
26	71764-0026	
28	71764-0028	
30	71764-0030	
06	71764-9003	3

ITEM NO: 71764-0104/0130, 9001, 9004		
DIM. C		6.10/[.240]
DIM. E (REF.)		2.79/[.110]
FINISH		15 GOLD
CONNECTOR END PLATING		GOLD
P.C. BOARD END PLATING		TIN
PACKAGING		SEE NOTE 4 SHEET 1
CKTS	ITEM NUMBER	VOIDS
04	71764-0104	
06	71764-0106	
08	71764-0108	
10	71764-0110	
12	71764-0112	
14	71764-0114	
16	71764-0116	
18	71764-0118	
20	71764-0120	
22	71764-0122	
24	71764-0124	
26	71764-0126	
28	71764-0128	
30	71764-0130	
06	71764-9001	3, 4
08	---	5, 6

ITEM NO: 71764-0204/0230, 9000, 9002		
DIM. C		6.10/[.240]
DIM. E (REF.)		2.79/[.110]
PLATING FINISH		30 GOLD
CONNECTOR END PLATING		GOLD
P.C. BOARD END PLATING		TIN
PACKAGING		SEE NOTE 4 SHEET 1
CKTS	ITEM NUMBER	VOIDS
04	71764-0204	
06	71764-0206	
08	71764-0208	
10	71764-0210	
12	71764-0212	
14	71764-0214	
16	71764-0216	
18	71764-0218	
20	71764-0220	
22	71764-0222	
24	71764-0224	
26	71764-0226	
28	71764-0228	
30	71764-0230	
06	71764-9002	3, 4
10	71764-9000	8

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DIMENSION UNITS

MM/INCH

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBERS AS PER PCN#515931

EC NO: 812933

DRWN: MADHAM5

CHK'D: GGA

APPR: GGA

2025/02/07

2025/03/03

2025/03/03

INITIAL REVISION:

DRWN: CAC

APPR: DJB

1985/08/23

1985/08/23

THIRD ANGLE PROJECTION

C-SIZE

DRAWING

SERIES

71764

DOCUMENT NUMBER

SD-71764-001

DOC TYPE

PSD

DOC PART

001

REVISION

A4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/03/03	16:52:25
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12

11

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1

FORMAT: Engage-master-to-ymc-C
REVISION: E1
DATE: 2025/03/01

ITEM NO: 71764-0304/0330		
DIM. C		8.13/[.320]
DIM. E (REF.)		2.79/[.110]
PLATING FINISH		TIN
CONNECTOR END PLATING		TIN
P.C. BOARD END PLATING		TIN
PACKAGING		SEE NOTE 4 SHEET 1
CKTS	ITEM NUMBER	VOIDS
04	71764-0304	
06	71764-0306	
08	71764-0308	
10	71764-0310	
12	71764-0312	
14	71764-0314	
16	71764-0316	
18	71764-0318	
20	71764-0320	
22	71764-0322	
24	71764-0324	
26	71764-0326	
28	71764-0328	
30	71764-0330	

ITEM NO: 71764-0404/0430		
DIM. C		8.13/[.320]
DIM. E (REF.)		2.79/[.110]
PLATING FINISH		15 GOLD
CONNECTOR END PLATING		GOLD
P.C. BOARD END PLATING		TIN
PACKAGING		SEE NOTE 4 SHEET 1
CKTS	ITEM NUMBER	VOIDS
04	71764-0404	
06	71764-0406	
08	71764-0408	
10	71764-0410	
12	71764-0412	
14	71764-0414	
16	71764-0416	
18	71764-0418	
20	71764-0420	
22	71764-0422	
24	71764-0424	
26	71764-0426	
28	71764-0428	
30	71764-0430	

ITEM NO: 71764-0504/0530		
DIM. C		8.13/[.320]
DIM. E (REF.)		2.79/[.110]
PLATING FINISH		30 GOLD
CONNECTOR END PLATING		GOLD
P.C. BOARD END PLATING		TIN
PACKAGING		SEE NOTE 4 SHEET 1
CKTS	ITEM NUMBER	VOIDS
04	71764-0504	
06	71764-0506	
08	71764-0508	
10	71764-0510	
12	71764-0512	
14	71764-0514	
16	71764-0516	
18	71764-0518	
20	71764-0520	
22	71764-0522	
24	71764-0524	
26	71764-0526	
28	71764-0528	
30	71764-0530	

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

DIMENSION UNITS

MM/INCH

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBERS AS PER PCN#515931

EC NO: 812933

DRWN: MADHAM5

CHK'D: GGA

APPR: GGA

2025/02/07

2025/03/03

2025/03/03

INITIAL REVISION:

DRWN: CAC

APPR: DJB

1985/08/23

1985/08/23

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

71764

DOCUMENT NUMBER

SD-71764-001

DOC TYPE

PSD

DOC PART

001

REVISION

A4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2025/03/03	16:52:25
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12

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1

FORMAT: English-Master-Drawing-C
REVISION: E1
DATE: 2025/03/01