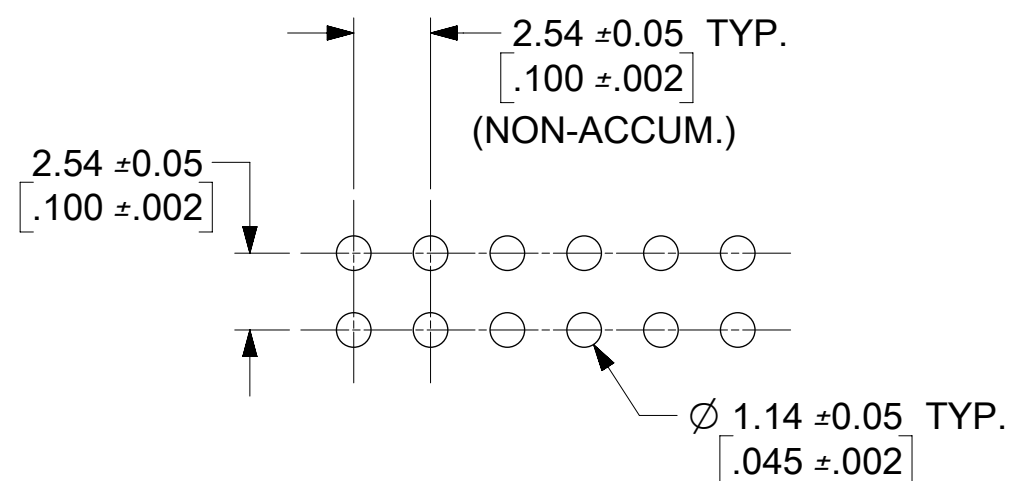
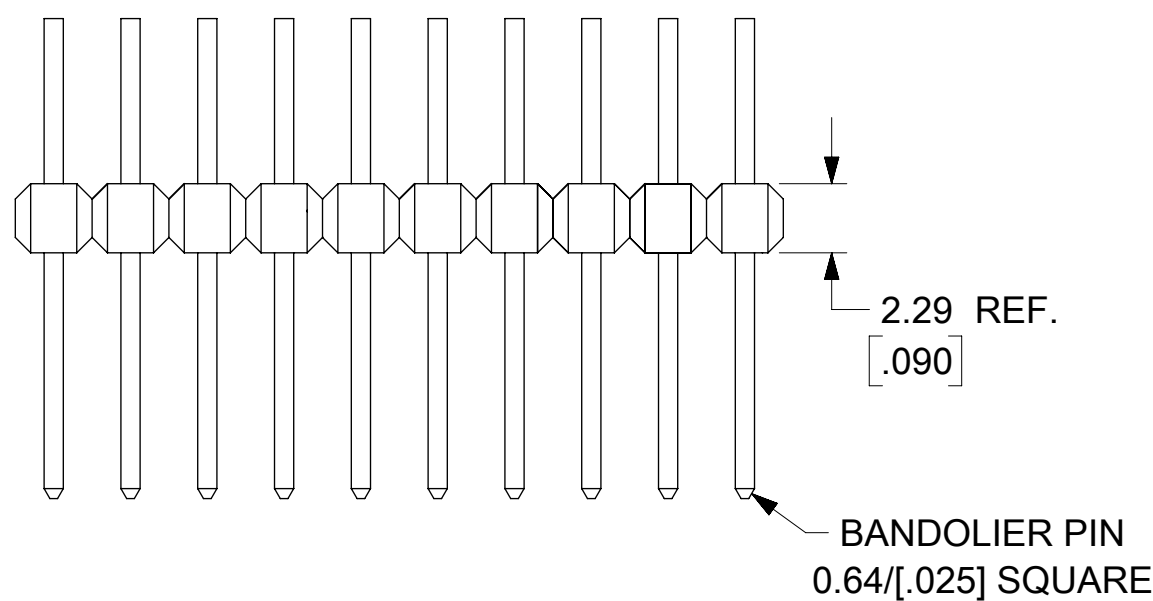
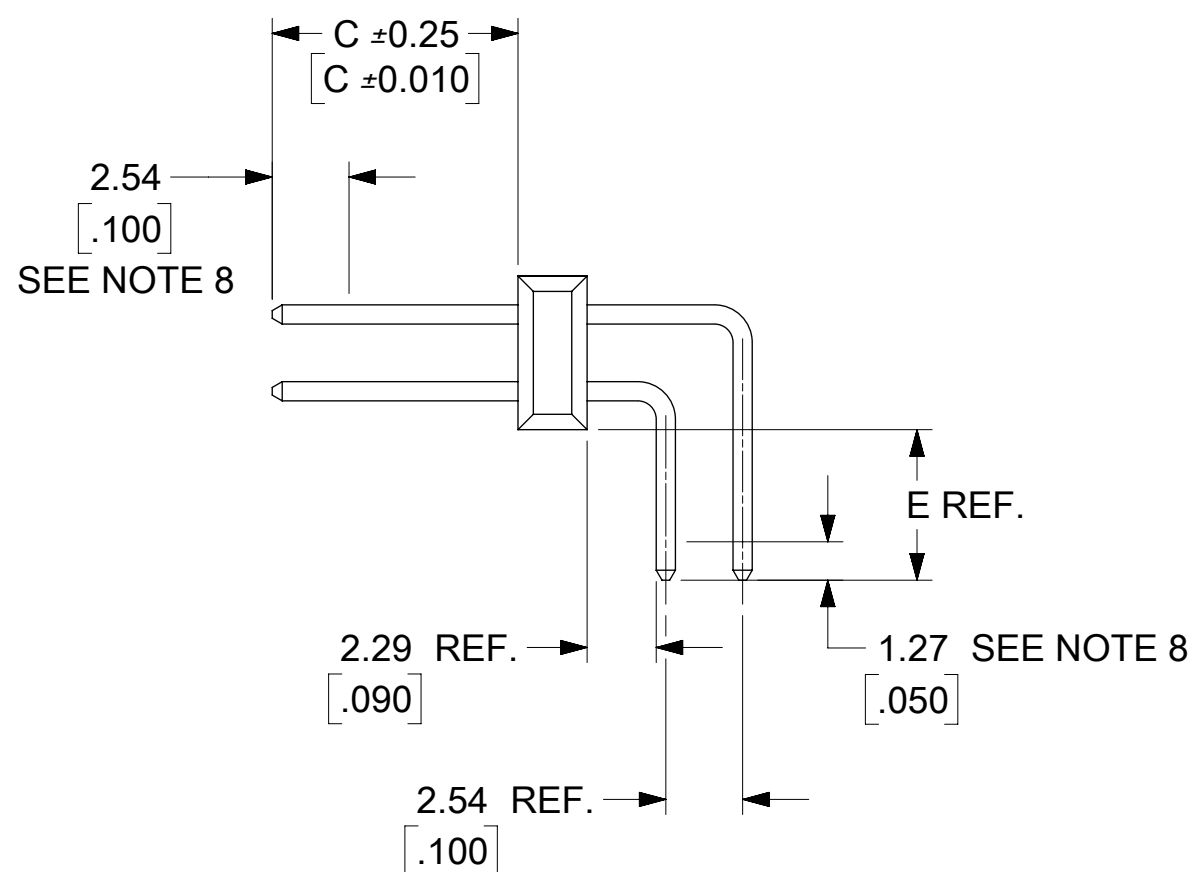
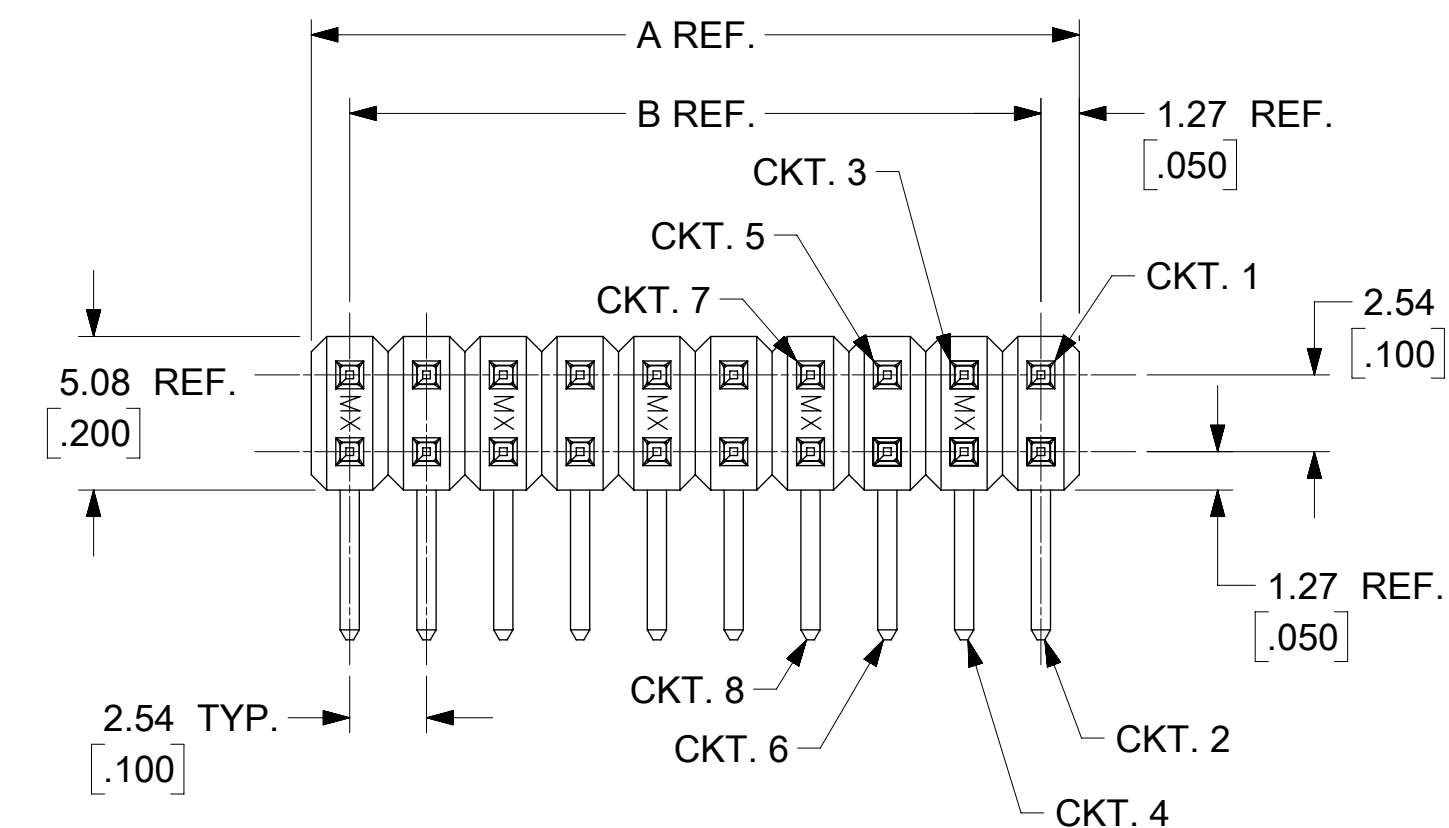


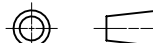


## RECOMMENDED P.C. BOARD HOLE LAYOUT



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                                               |  |                   | <div>molex</div>                                                       |                              |  |                            |    |                        |
| MM/INCH                                                                                                                                       |    | 4:1    |        |                                                                                                                 |  |                   |                                                                        |                              |  |                            |    |                        |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |        |        |                                                                                                                 |  |                   | DUAL ROW WAFER ASSY<br>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: MADHAM52025/02/07                                                                                         |  |                   |                                                                        |                              |  |                            |    |                        |
| 2 PLACES                                                                                                                                      | ±  | 0.25   | ± 0.01 | CHK'D: GGA2025/03/03                                                                                            |  |                   |                                                                        |                              |  |                            |    |                        |
| 1 PLACE                                                                                                                                       | ±  | 0.25   | ±      | APPR: GGA2025/03/03                                                                                             |  |                   | DOCUMENT NUMBER<br><div>SD-71764-001</div>                             |                              |  |                            |    |                        |
| INITIAL REVISION:                                                                                                                             |    |        |        | DOC TYPE                                                                                                        |  |                   |                                                                        |                              |  | DOC PART                   |    | REVISION               |
| 0 PLACES                                                                                                                                      | ±  |        |        | DRWN: CAC1985/08/23                                                                                             |  |                   |                                                                        |                              |  |                            |    |                        |
| ANGULAR TOL ± 0.5 °                                                                                                                           |    |        |        | APPR: DJB1985/08/23                                                                                             |  |                   | PSD                                                                    |                              |  | 001                        | A4 |                        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |    |        |        | THIRD ANGLE PROJECTION<br> |  | DRAWING<br>C-SIZE | SERIES<br>71764                                                        | MATERIAL NUMBER<br>SEE TABLE |  | CUSTOMER<br>GENERAL MARKET |    | SHEET NUMBER<br>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

DRAWING

C-SIZE

SERIES

71764

DOCUMENT NUMBER

SD-71764-001

DOC TYPE

PSD

DOC PART

001

REVISION

A4

DUAL ROW WAFER ASS'Y  
W/BREAK-OFF OPTION RT. ANG. (0.64)/.025 SQ PINS

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

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

12

11

10

9

8

7

6

5

4

3

2

1

FORMS: Engage-master-to-ymc  
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  |                    |
|                          |             |                    |
|                          |             |                    |
|                          |             |                    |
|                          |             |                    |

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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

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