

PRODUCT NO.

NO. OF POSITION

DIMENSION

A

B

C

|              |       |      |      |      |
|--------------|-------|------|------|------|
| 61083-021*** | 2X10  | 7.2  | 13.8 | 12.2 |
| 61083-041*** | 2X20  | 15.2 | 21.8 | 20.2 |
| 61083-061*** | 2X30  | 23.2 | 29.8 | 28.2 |
| 61083-081*** | 2X40  | 31.2 | 37.8 | 36.2 |
| 61083-101*** | 2X50  | 39.2 | 45.8 | 44.2 |
| 61083-121*** | 2X60  | 47.2 | 53.8 | 52.2 |
| 61083-141*** | 2X70  | 55.2 | 61.8 | 60.2 |
| 61083-161*** | 2X80  | 63.2 | 69.8 | 68.2 |
| 61083-181*** | 2X90  | 71.2 | 77.8 | 76.2 |
| 61083-201*** | 2X100 | 79.2 | 85.8 | 84.2 |

POSITION #1 INDICATOR

"A"±0.08

0.30±0.05

0.80±0.08

"B"±0.15

WITH METAL CAP

16.6±0.20

6.1±0.20

4.15±0.3

DATE CODE: XXXXXX

DAY<01~31>

MONTH<01~12>

YEAR<00~99>

DETAIL AA

SEE DETAIL AA

PLUG 1

5.0±0.1

4.7<sup>+0.3</sup><sub>-0.2</sub>

5.5±0.3

6.00±0.15

1.17±0.30

2X

SEE DETAIL A

0.7±0.1

ø0.70±0.05

ø1.10±0.05

"C"±0.1

COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X10 TO 2X70 POS  
0.13 MAX. APPLIED TO 2X80 TO 2X100 POS

DETAIL A  
SCALE 10:1

0.30 MAX

surface

ISO 1302

tolerance

ISO 406

ISO 1101

projection

ISO 1101

product family

BERGSTAK HPL545

mat'l. code

ecn no

dr

date

tolerances unless otherwise specified

angles

linear

0°±3°

0.00±.10

scale 1:1

dr

GuoMin Sun

2014-10-21

engr

Bob Gu

2020-06-28

chr

LQ Lei

2020-06-28

appd

Tim Yao

2020-06-28

sheet index

revision AT

sheet 1

PLUG ASSY

BERGSTAK 0.8MM

dwg no

61083

sheet2 of 6

size

A3

type

Product Customer Drawing

1

2

3

4

5

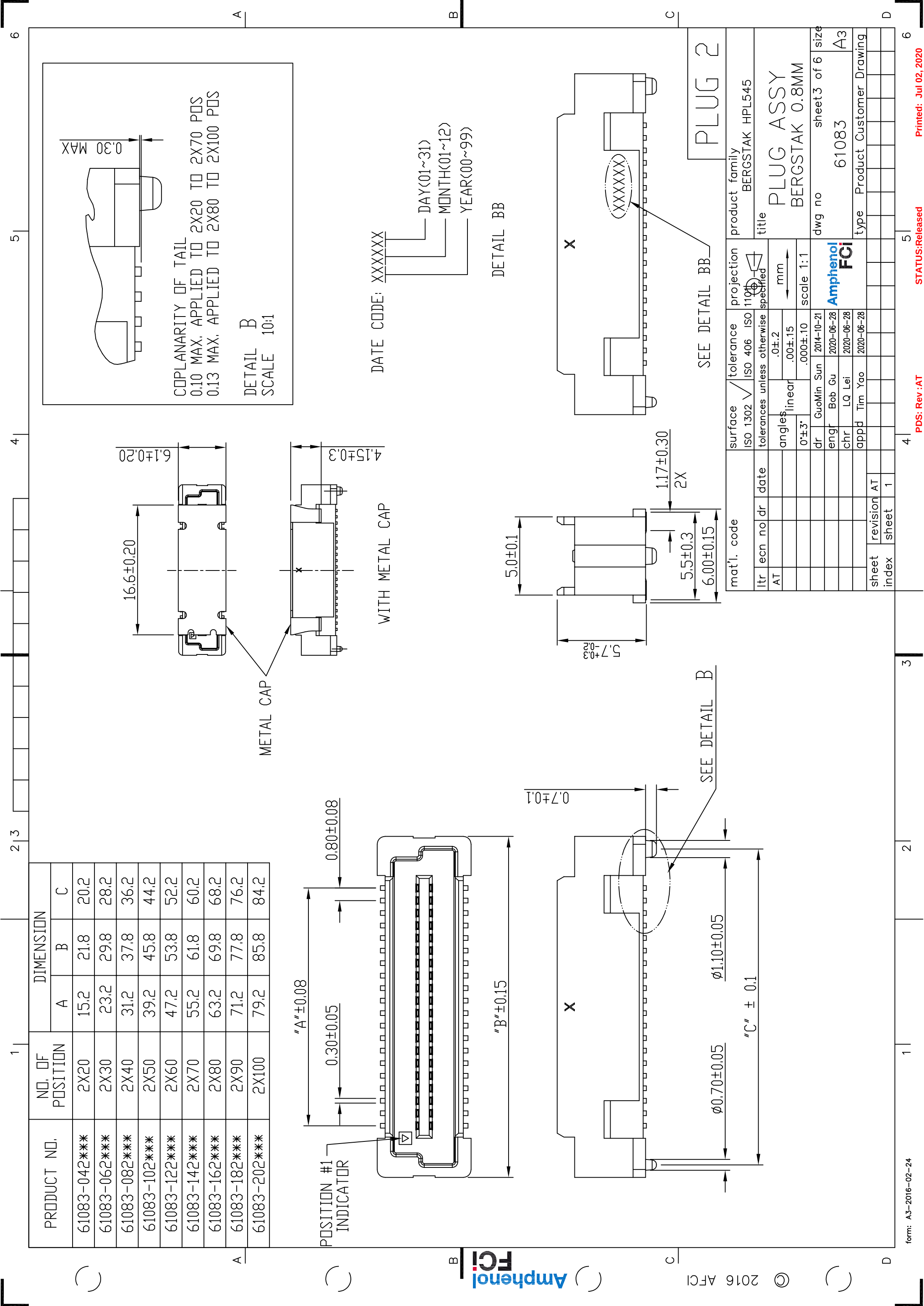
6

A

B

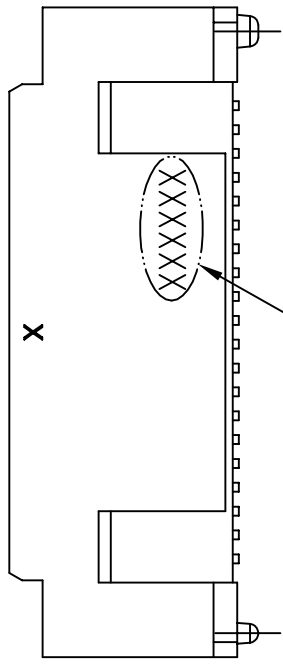
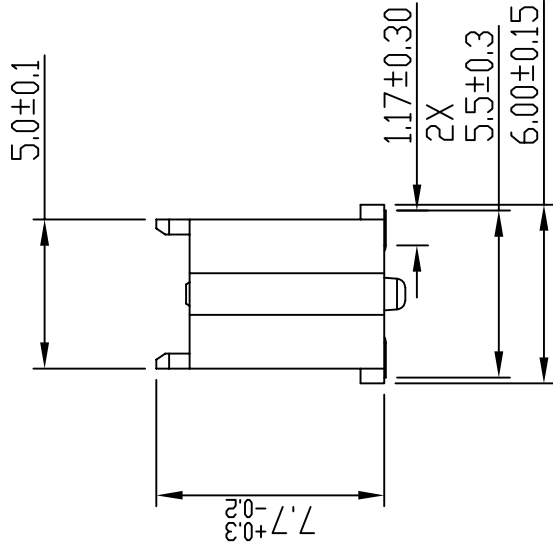
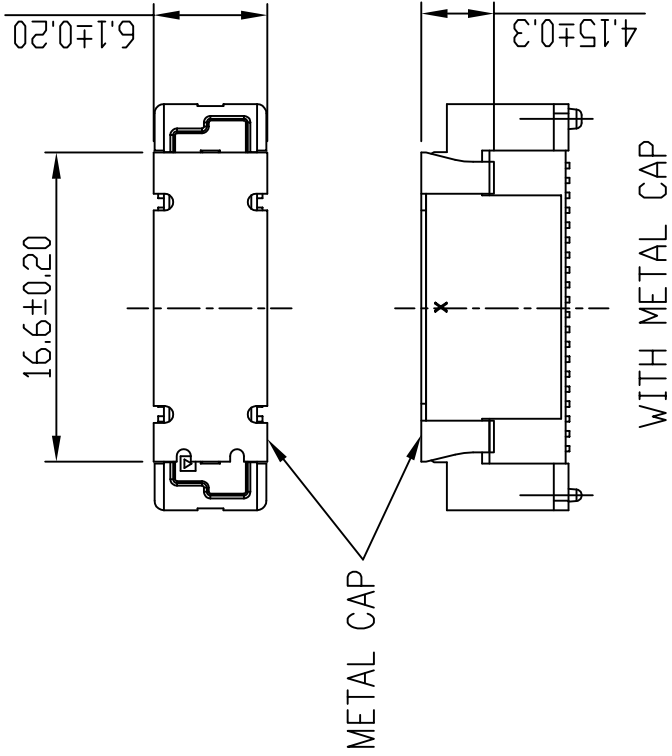
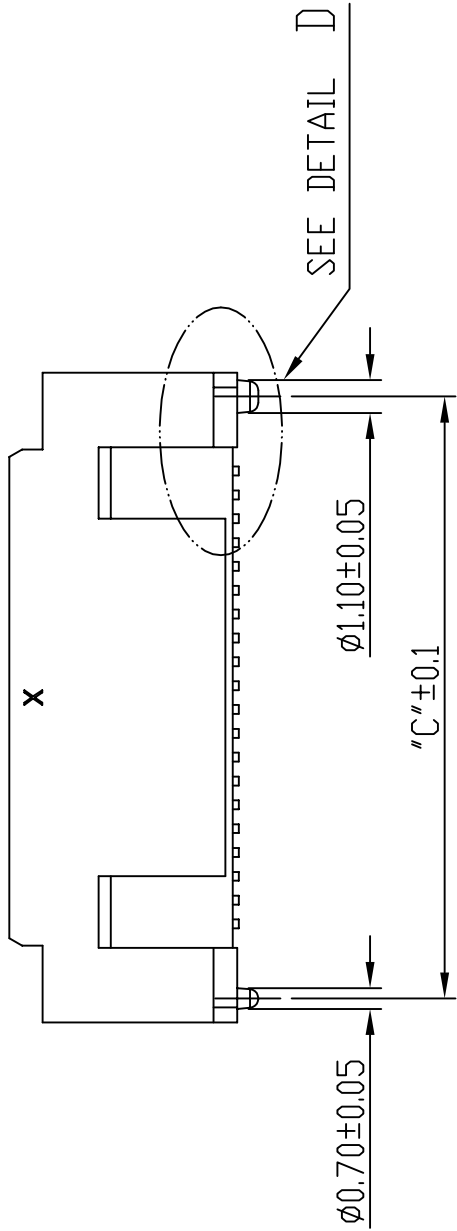
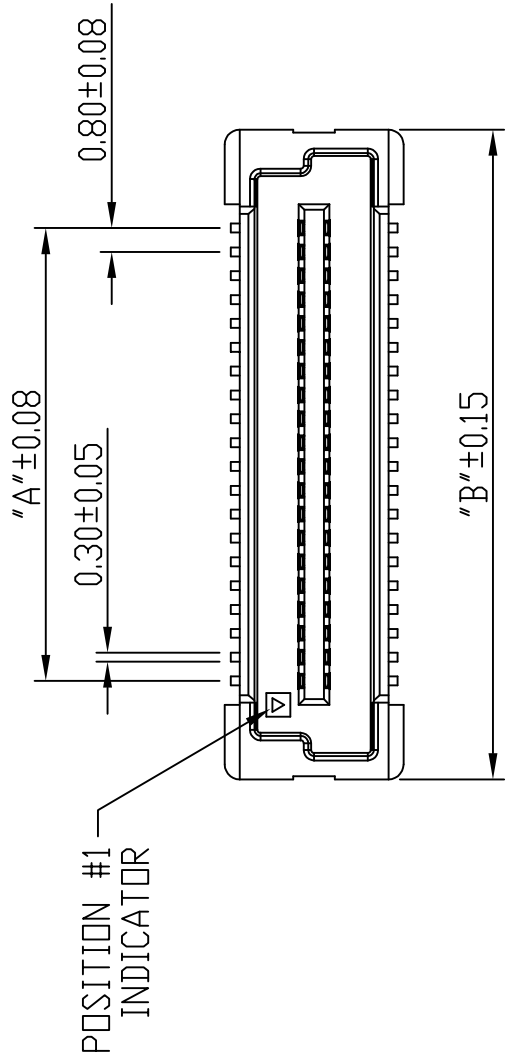
C

D





| PRODUCT NO.  | NO. OF POSITION | DIMENSION |      |      |
|--------------|-----------------|-----------|------|------|
|              |                 | A         | B    | C    |
| 61083-044*** | 2X20            | 15.2      | 21.8 | 20.2 |
| 61083-064*** | 2X30            | 23.2      | 29.8 | 28.2 |
| 61083-084*** | 2X40            | 31.2      | 37.8 | 36.2 |
| 61083-104*** | 2X50            | 39.2      | 45.8 | 44.2 |
| 61083-124*** | 2X60            | 47.2      | 53.8 | 52.2 |
| 61083-144*** | 2X70            | 55.2      | 61.8 | 60.2 |
| 61083-164*** | 2X80            | 63.2      | 69.8 | 68.2 |
| 61083-184*** | 2X90            | 71.2      | 77.8 | 76.2 |
| 61083-204*** | 2X100           | 79.2      | 85.8 | 84.2 |



SEE DETAIL DD

PLUG 4

| mat'l. code |          |    |      | surface                               | tolerance |           | projection                                                                               | product family                       |
|-------------|----------|----|------|---------------------------------------|-----------|-----------|------------------------------------------------------------------------------------------|--------------------------------------|
|             |          |    |      | ISO 1302 ✓                            | ISO 406   | ISO       | 1101  | BERGSTAK HPL545                      |
| ltr         | ecn no   | dr | date | tolerances unless otherwise specified |           |           |                                                                                          |                                      |
| AT          |          |    |      | angles                                | linear    | .0±.2     |       | title<br>PLUG ASSY<br>BERGSTAK 0.8MM |
|             |          |    |      |                                       |           | .00±.15   |                                                                                          |                                      |
|             |          |    |      |                                       |           | .000±.10  |                                                                                          |                                      |
|             |          |    |      | 0°±3°                                 |           | scale 1:1 |                                                                                          |                                      |
|             |          |    |      | dr                                    | GuoMin    | Sun       | 2014-10-21                                                                               | dwg no                               |
|             |          |    |      | engr                                  | Bob       | Gu        | 2020-06-28                                                                               | sheet5 of 6                          |
|             |          |    |      | chr                                   | LQ        | Lei       | 2020-06-28                                                                               | size<br>A3                           |
|             |          |    |      | appd                                  | Tim       | Yao       | 2020-06-28                                                                               | type                                 |
| sheet index | revision | AT |      |                                       |           |           |                                                                                          |                                      |
|             | sheet 1  |    |      |                                       |           |           |                                                                                          |                                      |
|             |          |    |      |                                       |           |           |                                                                                          |                                      |
|             |          |    |      |                                       |           |           |                                                                                          |                                      |

DATE CODE: XXXXXX

DAY(01~31)

MONTH(01~12)

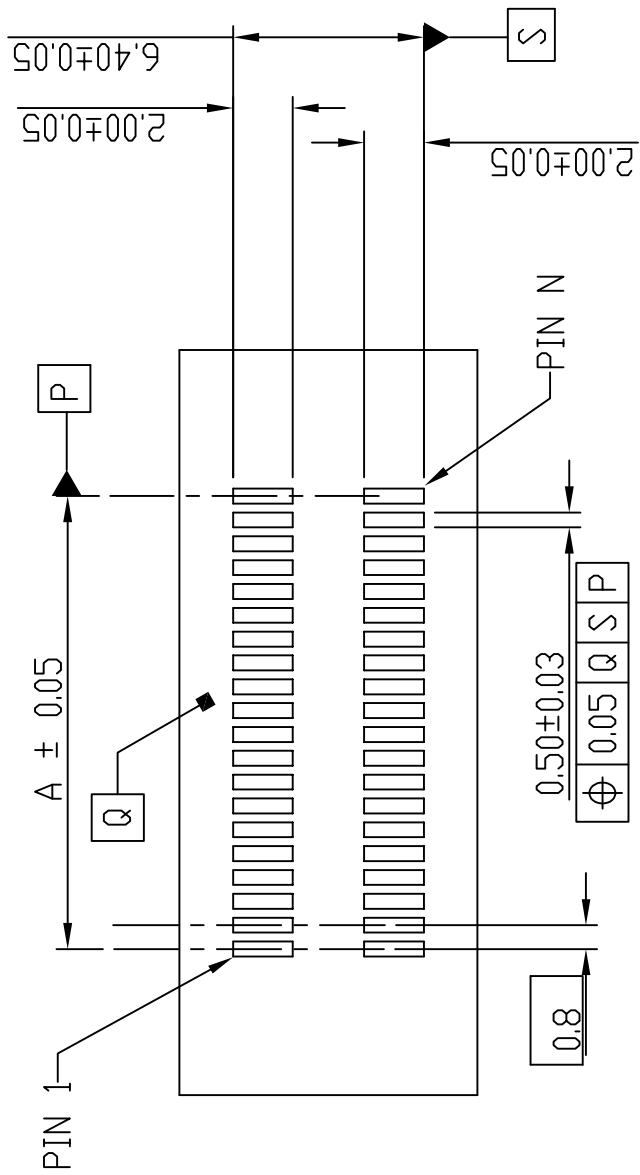
YEAR(00~99)

DETAIL DD

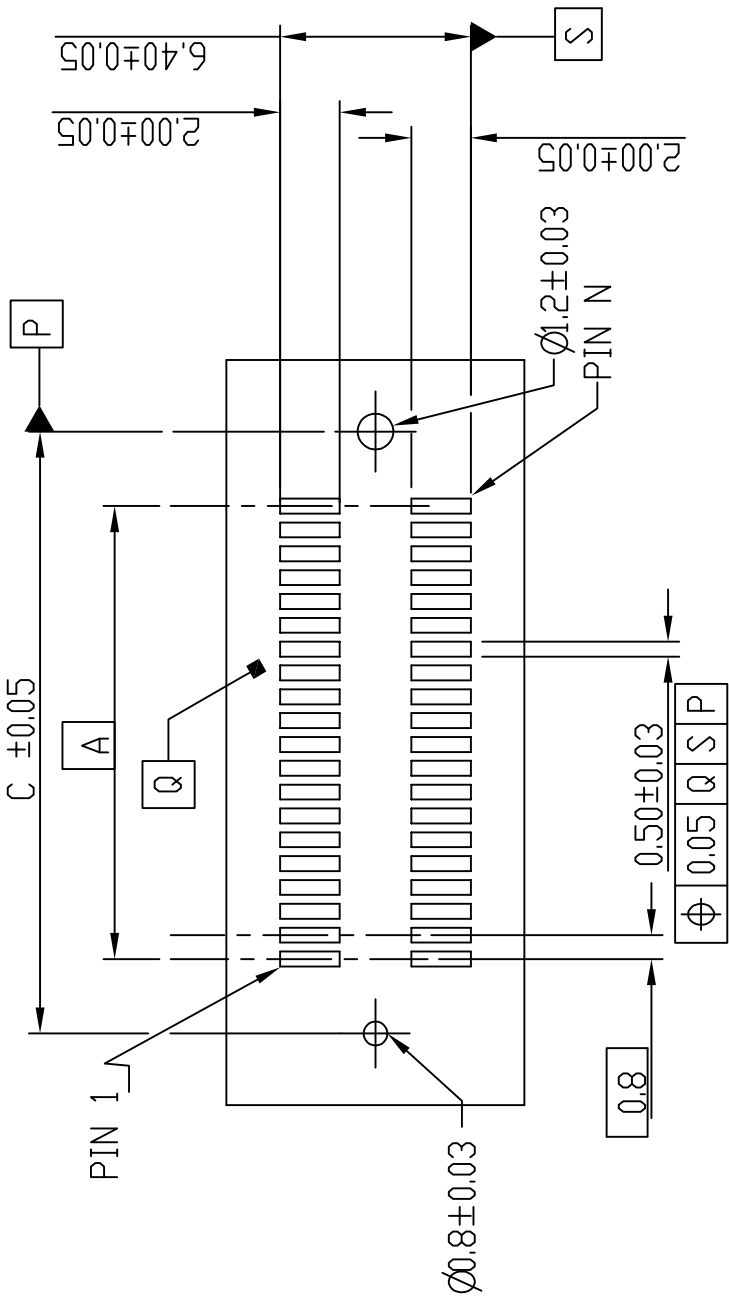
COPLANARITY OF TAIL:  
0.10 MAX, APPLIED TO 2X20 TO 2X70 POS  
0.13 MAX, APPLIED TO 2X80 TO 2X100 POS

DETAIL D  
SCALE 10:1

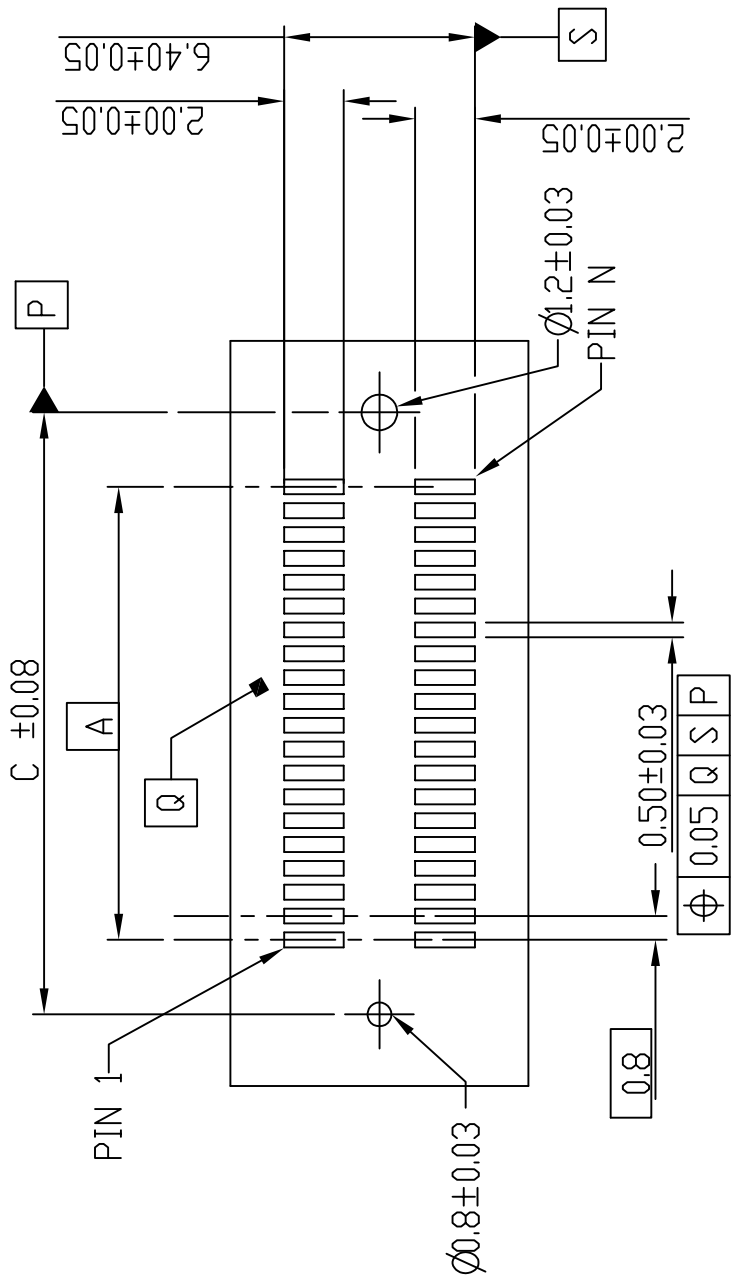
FOR PLUG 1/2/3/4



RECOMMENDED PCB LAYOUT WITHOUT PEG FOR  
NO. OF POS 2X10, 2X20, 2X30, 2X40, 2X50 2X60



RECOMMENDED PCB LAYOUT WITH PEG FOR  
NO. OF POS 2X10, 2X20, 2X30, 2X40, 2X50 2X60



RECOMMENDED PCB LAYOUT WITH PEG FOR  
NO. OF POS 2X70, 2X80, 2X90, 2X100

| mat'l. code |          |    |    | surface | tolerance                   |                     | projection |          | product family           |             |
|-------------|----------|----|----|---------|-----------------------------|---------------------|------------|----------|--------------------------|-------------|
| itr         | ecn      | no | dr | date    | ISO 1302                    | ISO 406             | ISO 1101   | ISO 1101 | BERGSTAK                 | HPL545      |
| AT          |          |    |    |         | tolerances unless specified | otherwise specified | mm         | mm       | title                    |             |
|             |          |    |    |         | angles                      | .0±.2               |            |          | PLUG ASSY                |             |
|             |          |    |    |         | linear                      | .00±.15             |            |          | BERGSTAK 0.8MM           |             |
|             |          |    |    |         | 0°±3°                       | .000±.10            | scale      | 1:1      | dwg no                   | sheet6 of 6 |
|             |          |    |    |         | dr                          | GuoMin Sun          | 2014-10-21 |          | 61083                    | A3          |
|             |          |    |    |         | engr                        | Bob Gu              | 2020-06-28 |          | type                     |             |
|             |          |    |    |         | chr                         | LQ Lei              | 2020-06-28 |          | Product Customer Drawing |             |
|             |          |    |    |         | appd                        | Tim Yao             | 2020-06-28 |          |                          |             |
| sheet index | revision | AT |    |         |                             |                     |            |          |                          |             |
| 1           | 1        |    |    |         |                             |                     |            |          |                          |             |