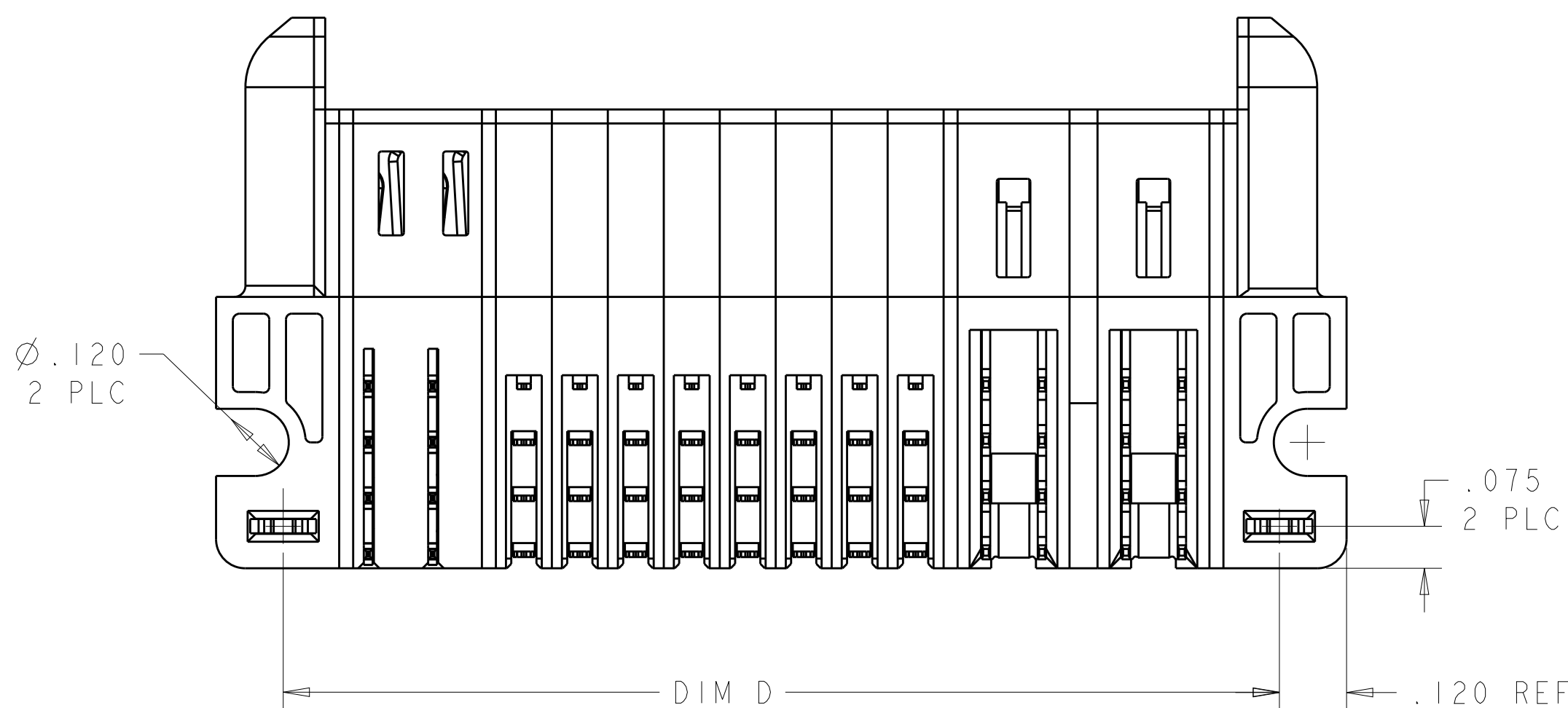
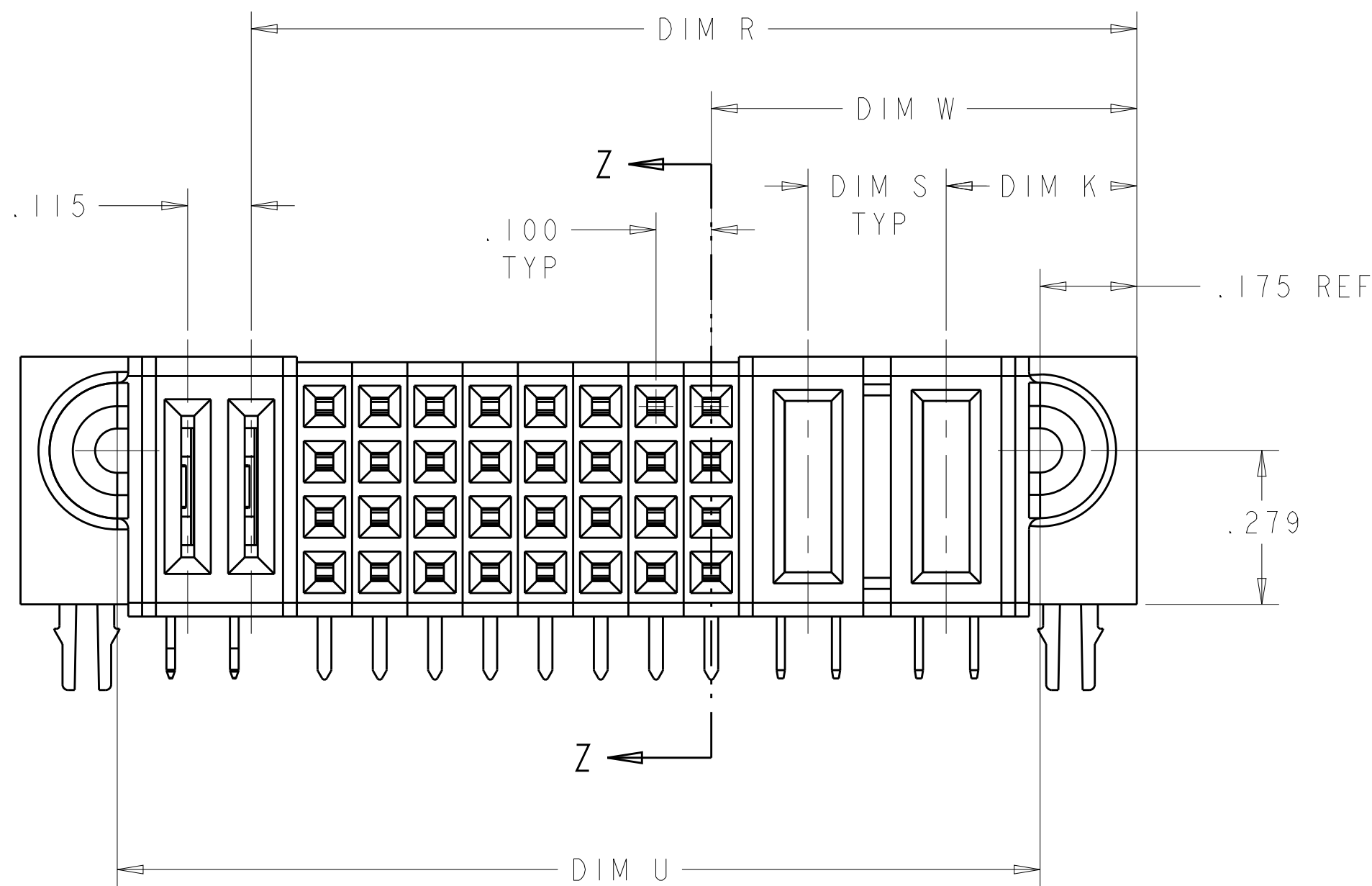
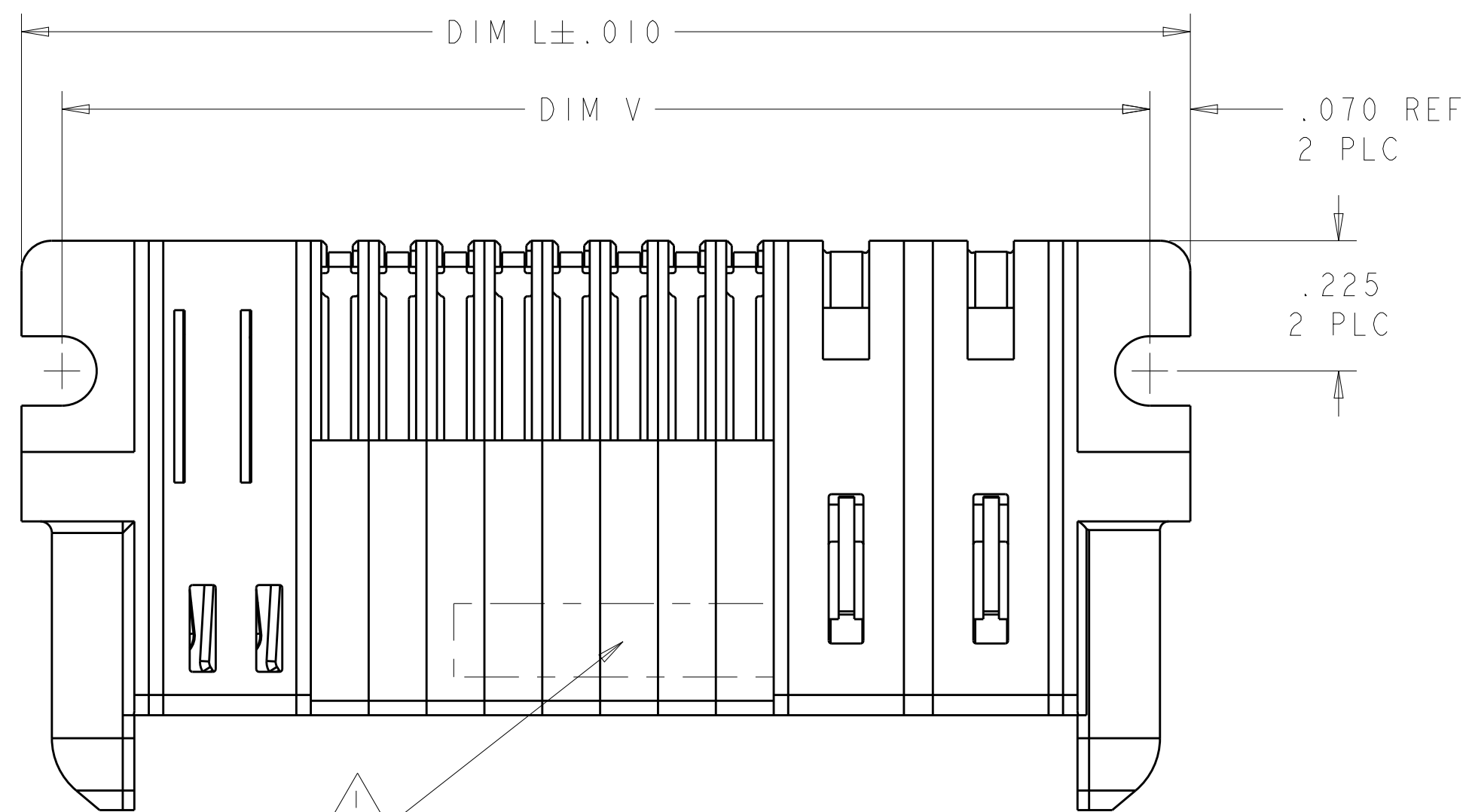


D

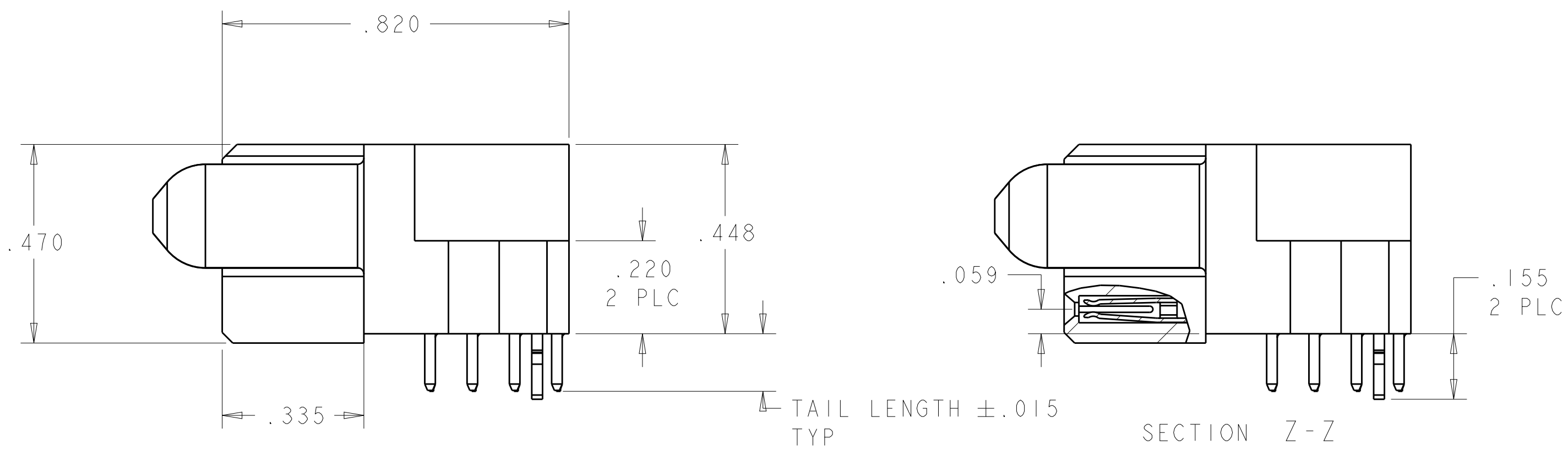
C

B

A



- 1 "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 PLATING : NOBLE METAL PLATING AT CONTACT FUNCTIONAL AREA OF
POWER CONTACT AND SIGNAL CONTACT
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 PCB - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA HOLE.
- 8 FOR P/S/P CONFIGURATION, THE DIMENSION PLEASE SEE SHEET 2
- 9 VARIABLE DIMENSION PLEASE SEE TABLE OR PART VIEW
- 10 FOR LP/S/P CONFIGURATION, THE DIMENSION PLEASE SEE SHEET 2



C

B

A

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DWN
C. ZHOU
CHK
S. ZHAO
APVD
S. ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

0 PLC ±.1
1 PLC ±.1
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±.2°
FINISH

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251

WEIGHT
-

Customer Drawing

NAME
RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450870

RESTRICTED TO
-

SCALE
4:1

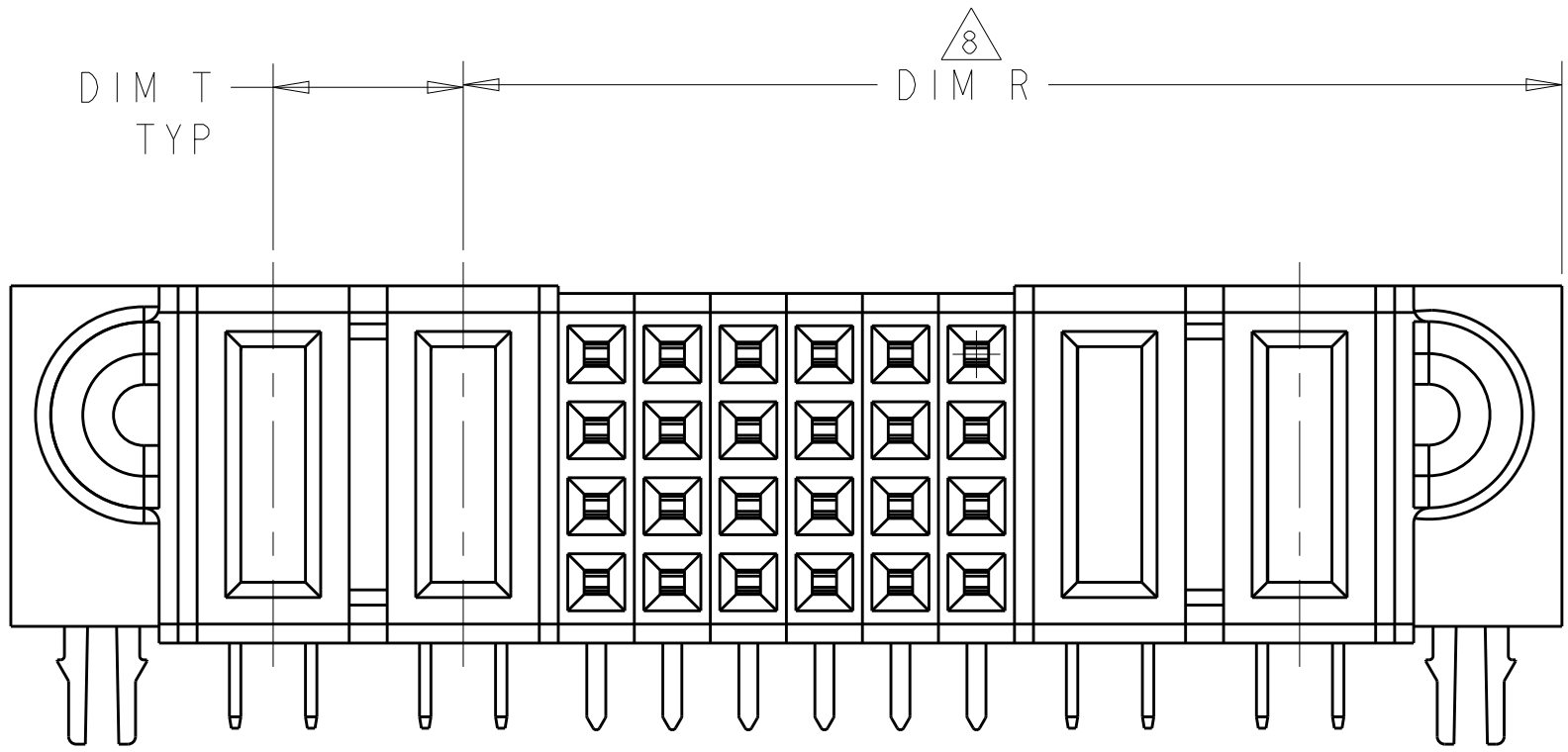
SHEET
1

OF
20

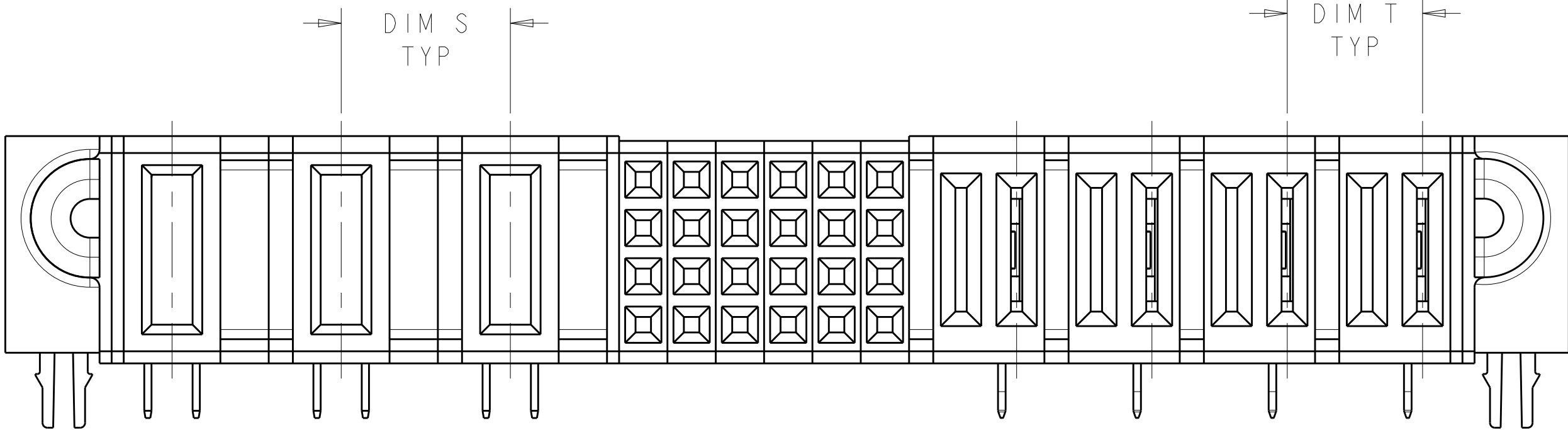
REV
K2

TE Connectivity

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P. | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES | 00 | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



FOR PART NUMBER 6450870-2,6450870-3,6450870-4,6450870-5,THE OTHER DIMENSION REFER TO TABLE OF SHEET 1.



FOR LP/S/P CONFIGUTION (2-6450870-1),THE OTHER DIMENSION REFER TO TABLE OF SHEET 1.

| | | | | | | | | | | | |
|----|-------|-------|---------------------------|---------------------------|---------------------------------|-------|-------|-------|-------|-----------------------------|-------------|
| K2 | 1.380 | 1.170 | - | - | 1.2425 | .435 | - | 1.520 | .2775 | 1LP + 32S + 1LP | 3-6450870-4 |
| | 2.650 | 2.440 | .250 | .250 | 1.920 | 1.045 | 2.550 | 2.790 | .370 | 3P + 32S + 3P | 3-6450870-3 |
| | 2.650 | 2.540 | - | .250 | 2.545 | 1.270 | 2.750 | 2.890 | .345 | 4P + 48S + 1P | 3-6450870-2 |
| | 1.850 | 1.640 | .230 | .230 | 1.3675 | 1.060 | 1.750 | 1.990 | .2775 | 3LP + 12S + 4LP | 3-6450870-1 |
| | 2.200 | 1.990 | 0.250 | 0.250 | 1.495 | 1.020 | 2.100 | 2.340 | .345 | 3P + 16S + 3P | 3-6450870-0 |
| | 1.100 | .890 | - | - | .895 | .570 | 1.000 | 1.240 | .345 | 1P + 8S + 1P | 2-6450870-9 |
| | 3.300 | 3.090 | - | .300 | 3.120 | 2.370 | 3.200 | 3.440 | .320 | 7ACP + 24S + 1P | 2-6450870-8 |
| | 2.550 | 2.340 | .250 | .300 | 1.595 | 1.120 | 2.450 | 2.690 | .345 | 3ACP + 16S + 4P | 2-6450870-6 |
| | 4.000 | 3.790 | .250 | .250 | 2.770 | 1.520 | 3.900 | 4.140 | .320 | 5P + 48S + 5P | 2-6450870-5 |
| | 1.975 | 1.765 | .250 | .300 | 1.520 | 1.195 | 1.875 | 2.115 | .345 | 3ACP + 8S + 2P | 2-6450870-4 |
| | 1.380 | 1.170 | - | - | 1.2425 | .435 | - | 1.520 | .2775 | 1LP + 32S + 1LP | 2-6450870-3 |
| | 1.700 | 1.490 | .250 | .250 | 1.245 | .770 | 1.600 | 1.840 | .345 | 2P + 16S + 2P | 2-6450870-2 |
| | 3.095 | 2.885 | .280 | .350 | 2.190 | 1.415 | 2.995 | 3.235 | .3025 | 8LP + 24S + 3P [△] | 2-6450870-1 |
| | 2.400 | 2.190 | .250 | .250 | 1.695 [△] ₈ | 1.020 | 2.300 | 2.540 | .345 | 3P + 24S + 3P | 2-6450870-0 |
| | 2.400 | 2.190 | .250 | .250 | 1.695 [△] ₈ | 1.020 | 2.300 | 2.540 | .345 | 3P + 24S + 3P | 1-6450870-9 |
| | 6.200 | 5.990 | .250 | .375 | 2.195 [△] ₈ | 1.845 | 6.100 | 6.340 | .395 | 4P + 12S + 16P | 1-6450870-8 |
| | 3.775 | 3.565 | .375 | .375 | 2.445 | 2.045 | 3.675 | 3.915 | .345 | 5ACP + 12S + 4ACP | 1-6450870-6 |
| | 2.020 | 1.810 | - | .300 | 1.0775 | .870 | 1.920 | 2.160 | .320 | 2ACP + 8S + 4LP | 1-6450870-5 |
| | 2.295 | 2.085 | [△] ₉ | .215 | 1.465 | .865 | 2.195 | 2.435 | .2775 | 3LP + 20S + 4HDP | 1-6450870-4 |
| | 4.500 | 4.290 | [△] ₈ | .300 | 3.220 [△] ₈ | 2.695 | 4.400 | 4.640 | .370 | 8ACP + 16S + 4ACP | 1-6450870-3 |
| | 2.260 | 2.050 | - | .300 | 1.7775 | 1.145 | 2.160 | 2.400 | .345 | 3ACP + 24S + 4LP | 1-6450870-2 |
| | 1.700 | 1.490 | .200 | .200 | 1.295 [△] ₈ | .720 | 1.600 | 1.840 | .345 | 2P + 20S + 2P | 1-6450870-1 |
| | 1.600 | 1.390 | .200 | .200 | 1.195 [△] ₈ | .720 | 1.500 | 1.740 | .345 | 2P + 16S + 2P | 1-6450870-0 |
| | 2.200 | 1.990 | .200 | .200 | 1.795 [△] ₈ | .720 | 2.100 | 2.340 | .345 | 2P + 40S + 2P | 6450870-9 |
| | 2.650 | 2.440 | .250 | .250 | 1.920 | 1.045 | 2.550 | 2.790 | .370 | 3P + 32S + 3P | 6450870-8 |
| | 3.100 | 2.890 | .230 | [△] ₉ | 2.5025 | 1.945 | 3.000 | 3.240 | .320 | 8HDP + 20S + 5LP | 6450870-7 |
| | 1.400 | 1.190 | - | - | 1.195 [△] ₈ | .520 | 1.300 | 1.540 | .345 | 1P + 24S + 1P | 6450870-5 |
| | 2.400 | 2.190 | .250 | .250 | 1.695 [△] ₈ | 1.020 | 2.300 | 2.540 | .345 | 3P + 24S + 3P | 6450870-4 |
| | 1.900 | 1.690 | .250 | .250 | 1.445 [△] ₈ | .770 | 1.800 | 2.040 | .345 | 2P + 24S + 2P | 6450870-3 |
| | 1.575 | 1.365 | - | - | 1.320 [△] ₈ | .595 | 1.475 | 1.715 | .370 | 1P + 24S + 1P | 6450870-2 |
| | 1.880 | 1.670 | - | .250 | 1.6025 | .770 | 1.780 | 2.020 | .345 | 2P + 32S + 2LP | 6450870-1 |
| | DIM V | DIM U | DIM T | DIM S | DIM R | DIM W | DIM D | DIM L | DIM K | DESCRIPTION | PART NUMBER |

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DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.1
±.01
±.005
±.0020
#2°

DWN
CHK
S. ZHAO

11OCT2007
11OCT2007

APVD
S. ZHAO

-

PRODUCT SPEC
108-2292

APPLICATION SPEC
114-13251

WEIGHT

-

Customer Drawing

SCALE 4:1

SHEET 2 OF 20

REV K2

NAME

RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A1




CAGE CODE
00779

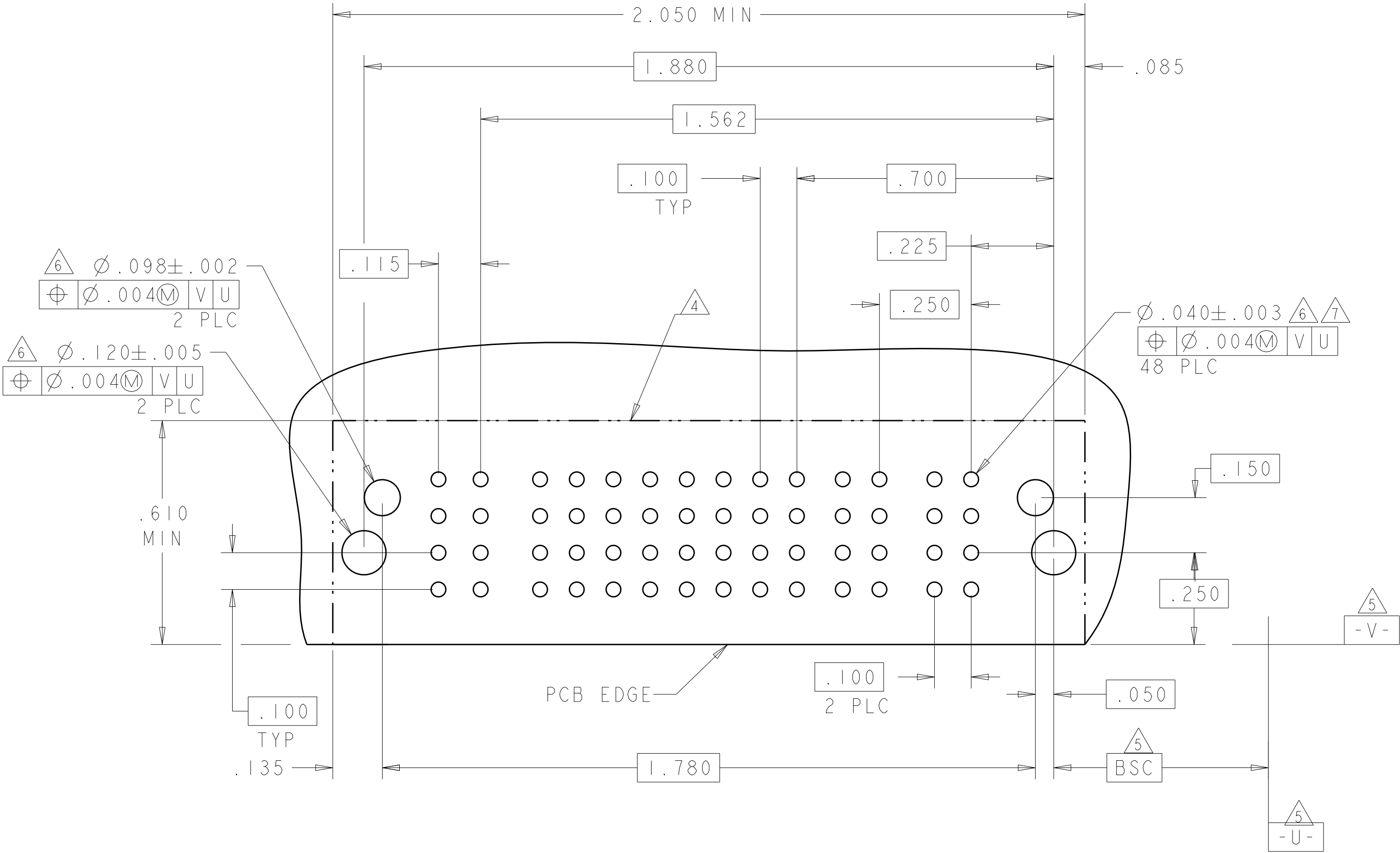
DRAWING NO
6450870

RESTRICTED TO
-

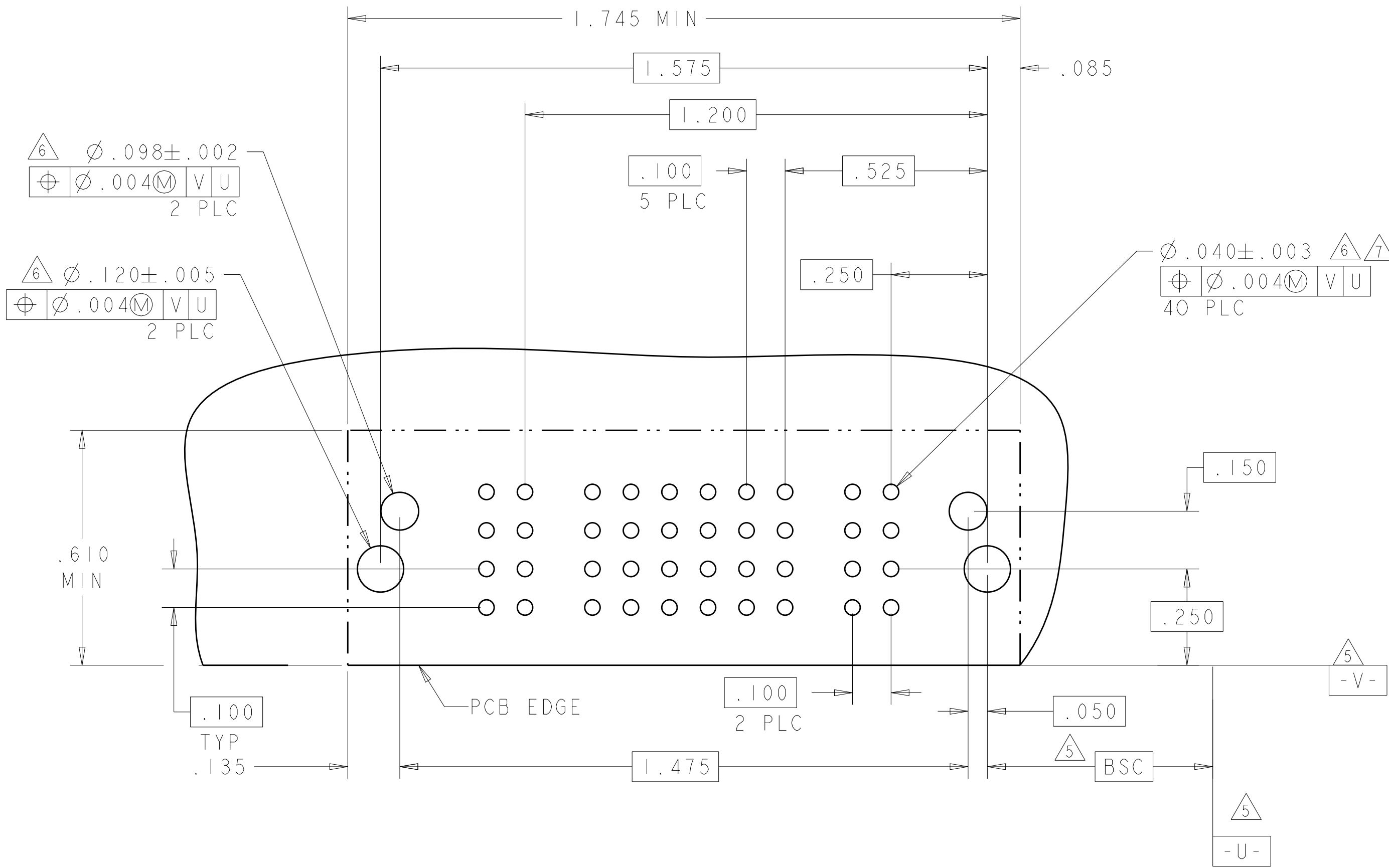
4805 (3/11)

| LOC | | DIST | | REVISIONS | | | | |
|-----|----|------|-----|-------------|------|-----|------|--|
| ES | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD | |
| | | - | | SEE SHEET 1 | - | - | - | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | | | | | POWER | | |
|----------------|------|---|-------|-----|--------|---|---|---|---|---|---|---|-------|----|---|
| | | | LP2 | LPI | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P2 | PI | |
| 6450870-1 | D |  | LM | LM | H | H | H | H | H | H | H | H | RM | RM |  |
| | C | | | | G | G | G | G | G | G | G | | | | |
| | B | | | | F | F | F | F | F | F | F | | | | |
| | A | | | | E | E | E | E | E | E | E | | | | |
| 2P + 32S + 2LP | | | | | | | | | | | | | | |  |



| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | | | | POWER | | |
|---------------|------|--|-------|--|--------|---|---|---|---|---|--|-------|--|--|
| | | | P2 | | 6 | 5 | 4 | 3 | 2 | 1 | | P1 | | |
| 6450870-2 | D | | RM | | | | | | | | | RM | | |
| | C | | | | H | H | H | H | H | H | | | | |
| | B | | | | G | G | G | G | G | G | | | | |
| | A | | | | F | F | F | F | F | F | | | | |
| | | | | | E | E | E | E | E | E | | | | |
| IP + 24S + IP | | | | | | | | | | | | | | |

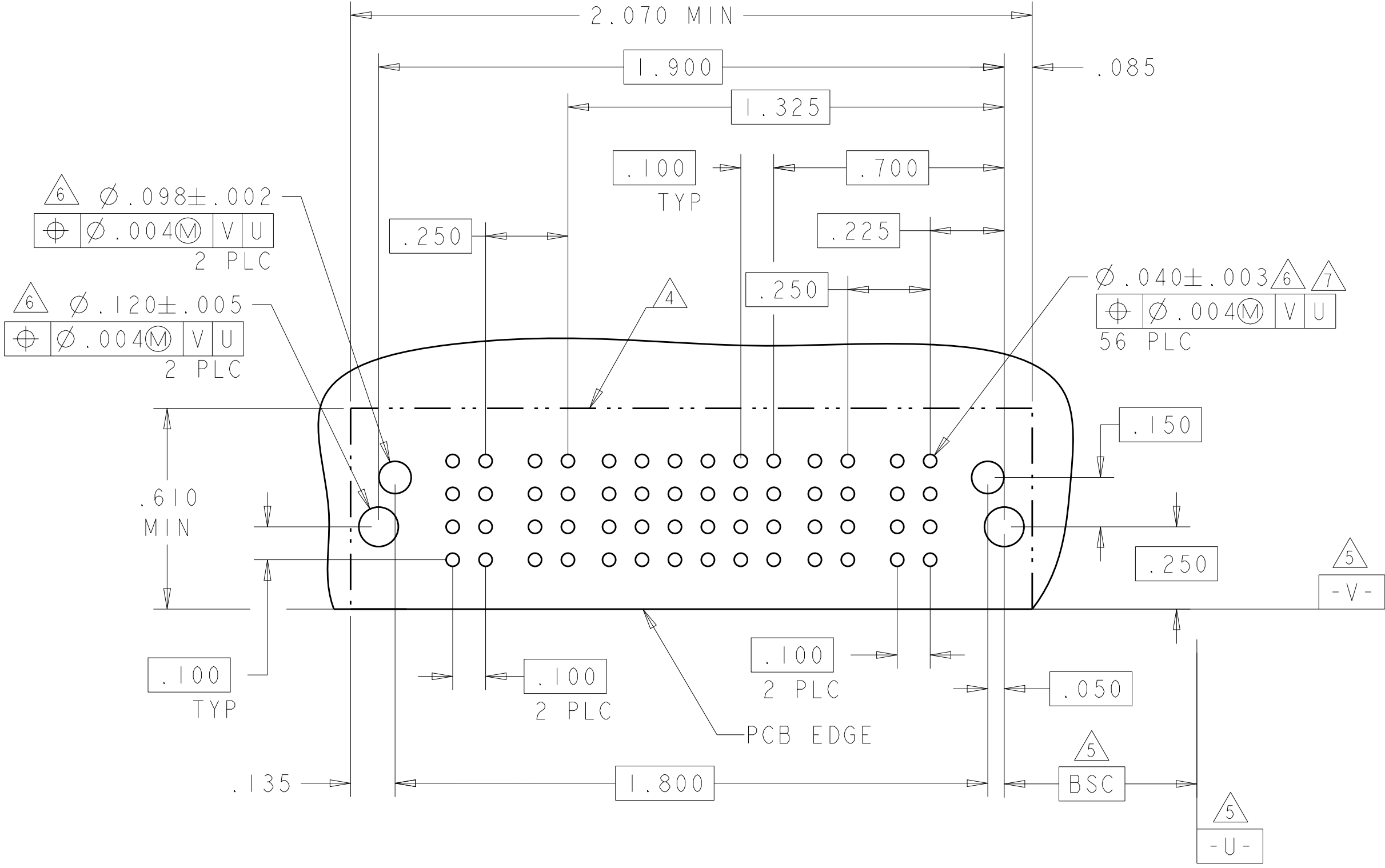


| | |
|--|----|
| STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW D | H |
| STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW C | G |
| STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW B | F |
| STANDARD SIGNAL CONTACT, .135 TAIL LENGTH, ROW A | E |
| MFBL POWER CONTACT, .135 TAIL LENGTH | RA |
| STD POWER CONTACT, .135 TAIL LENGTH | RM |
| LOWER POWER CONTACT, .135 TAIL LENGTH | LM |

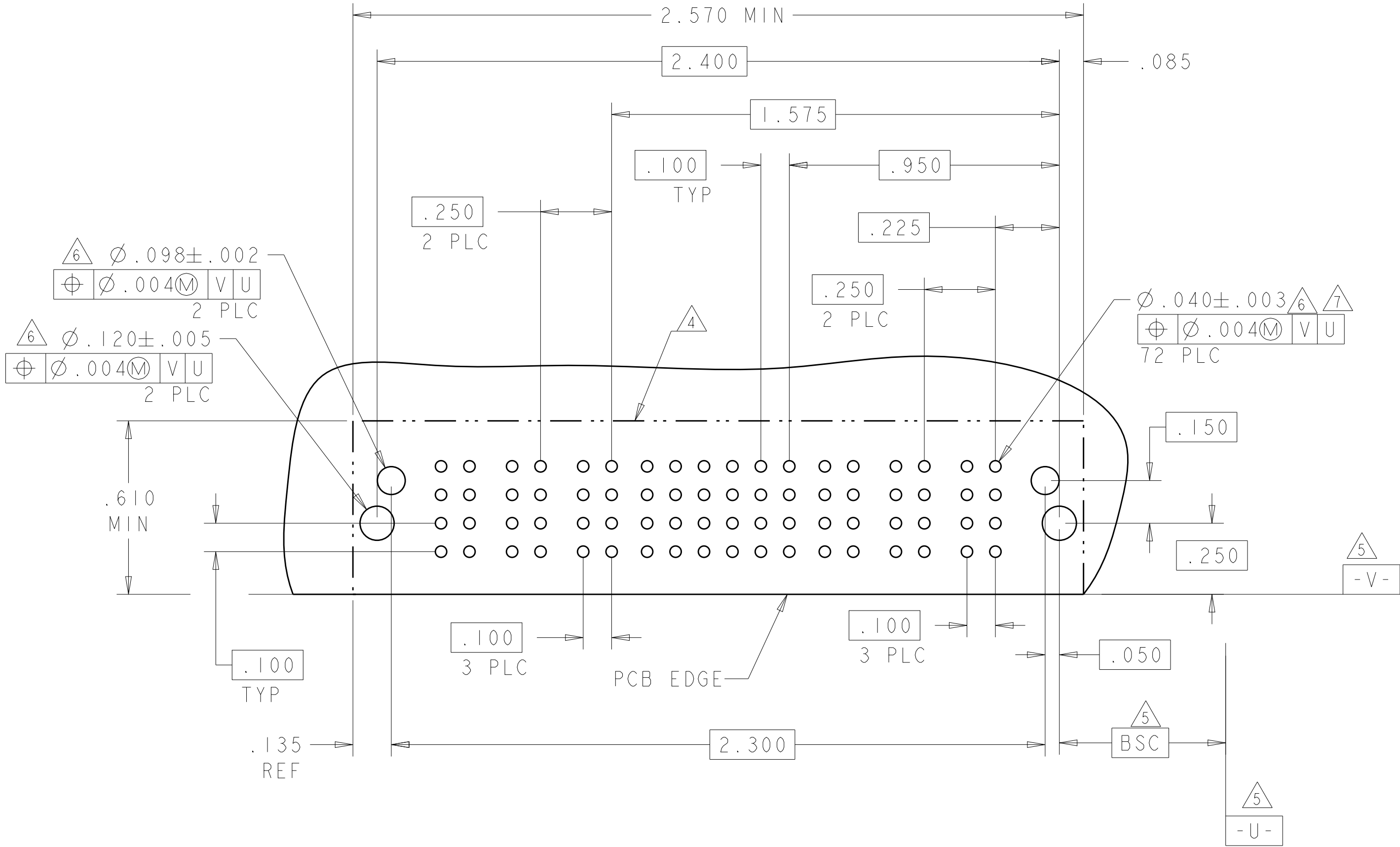
| DESCRIPTION | | | | IDENTIFIER | |
|--|--|--|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | | | | |
| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME | |
| INCHES | | 0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH | | RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE | |
| MATERIAL | | WEIGHT | | RESTRICTED TO | |
| | | Customer Drawing | | A100779C=6450870 | |
| | | | | SCALE 4:1 SHEET 3 OF 20 REV K2 | |

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES | 00 | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | | | POWER | | |
|---------------|------------------|--|-------|----|--------|---|---|---|---|---|-------|----|--|
| | | | P4 | P3 | 6 | 5 | 4 | 3 | 2 | 1 | P2 | P1 | |
| 6450870-3 | D C B A | | RM | RM | H | H | H | H | H | H | RM | RM | |
| | | | | | G | G | G | G | G | G | | | |
| | | | | | F | F | F | F | F | F | | | |
| 2P + 24S + 2P | | | | | E | E | E | E | E | E | | | |
| | | | | | | | | | | | | | |



| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | | | POWER | | | |
|---------------|------------------|--|-------|----|----|--------|---|---|---|---|---|-------|----|----|--|
| | | | P6 | P5 | P4 | 6 | 5 | 4 | 3 | 2 | 1 | P3 | P2 | P1 | |
| 6450870-4 | D C B A | | RM | RM | RM | H | H | H | H | H | H | RM | RM | RM | |
| | | | | | | G | G | G | G | G | G | | | | |
| | | | | | | F | F | F | F | F | F | | | | |
| 3P + 24S + 3P | | | | | | E | E | E | E | E | E | | | | |
| | | | | | | | | | | | | | | | |



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C. ZHOU
CHK
S. ZHAO
APVD
S. ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

0 PLC ±.1
1 PLC ±.1
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°
FINISH

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT

Customer Drawing

SCALE 4:1

SHEET 4 OF 20

REV K2



TE Connectivity













RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE CAGE CODE DRAWING NO
A100779C=6450870

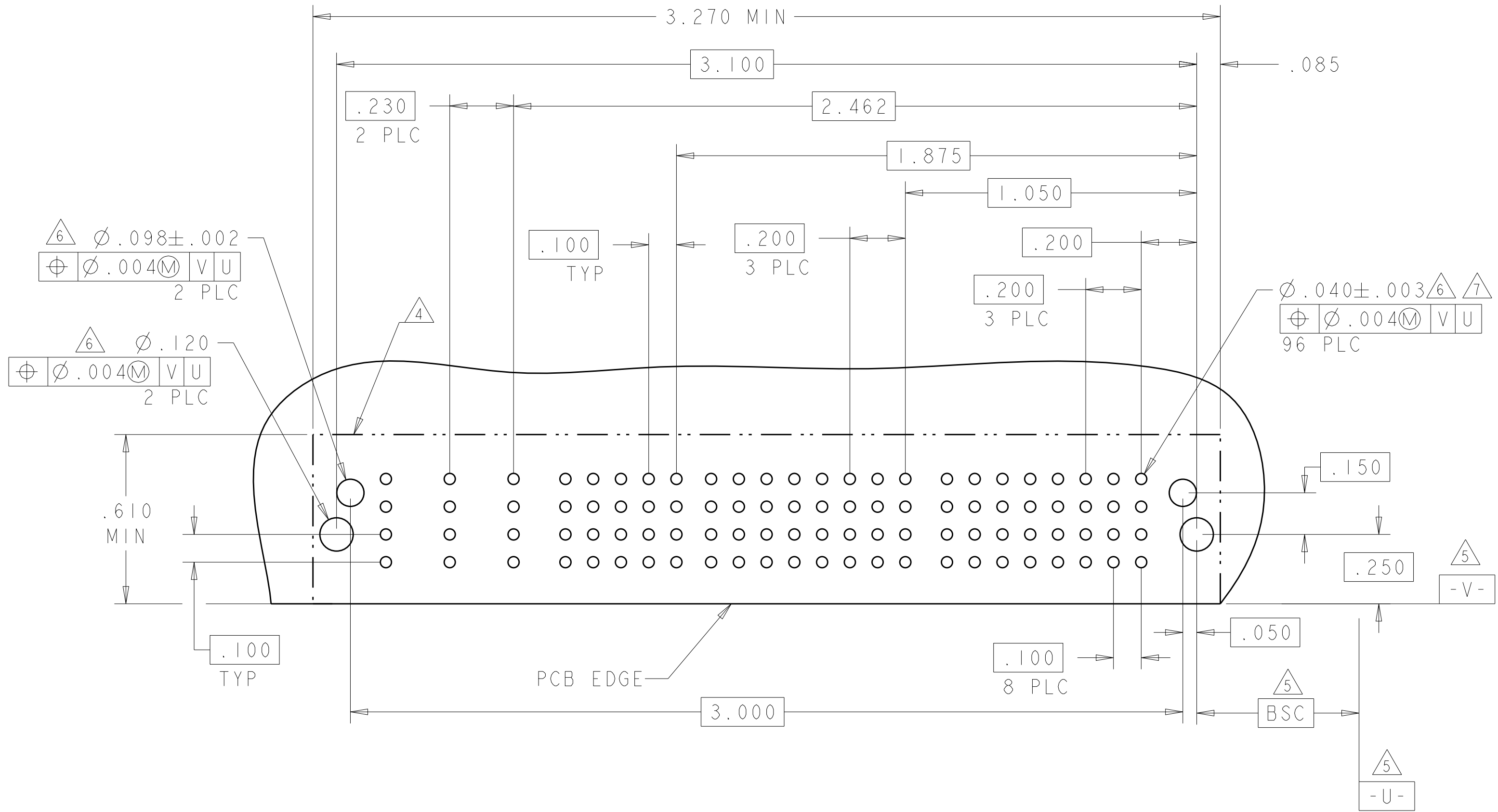
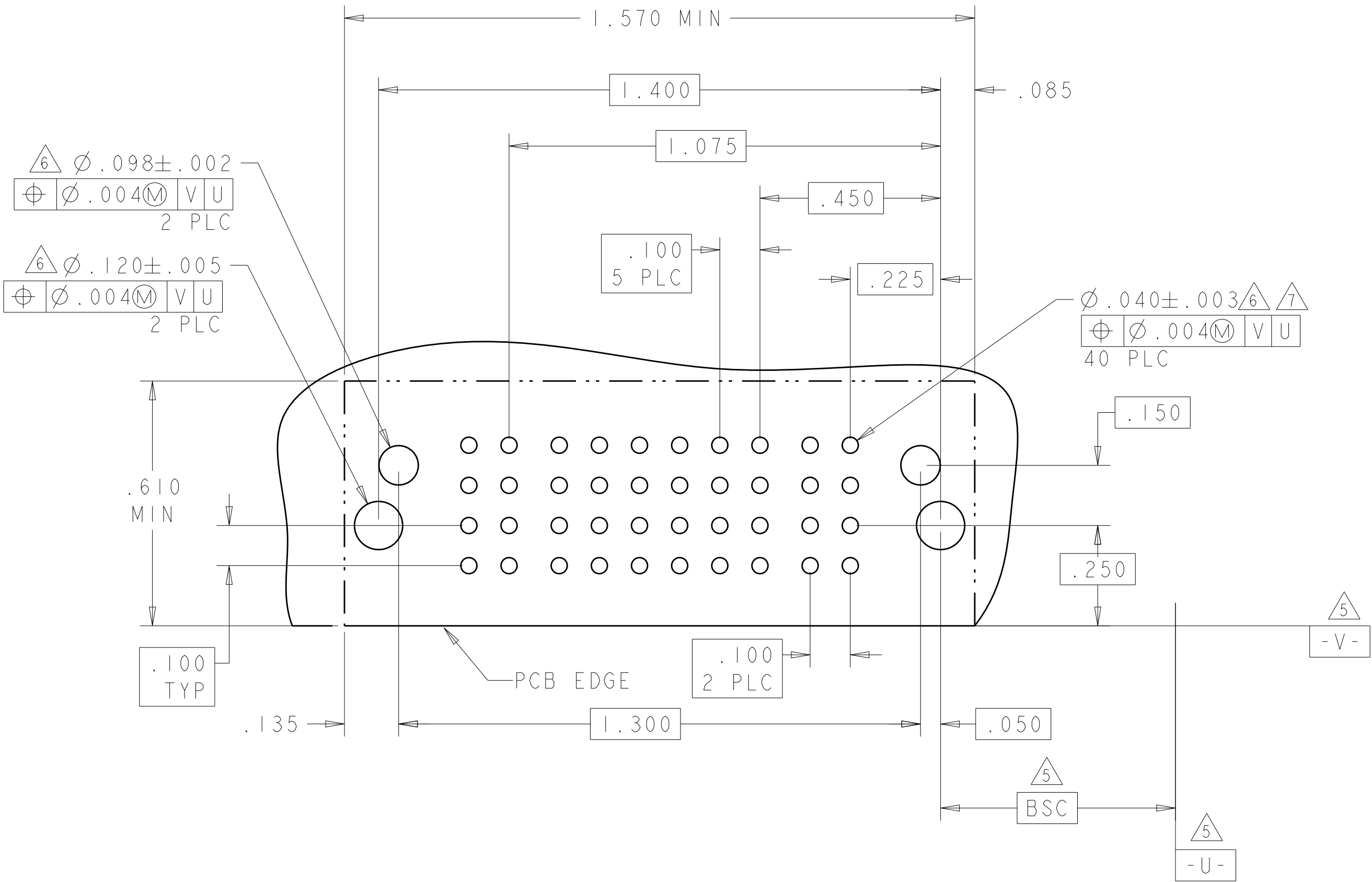
RESTRICTED TO

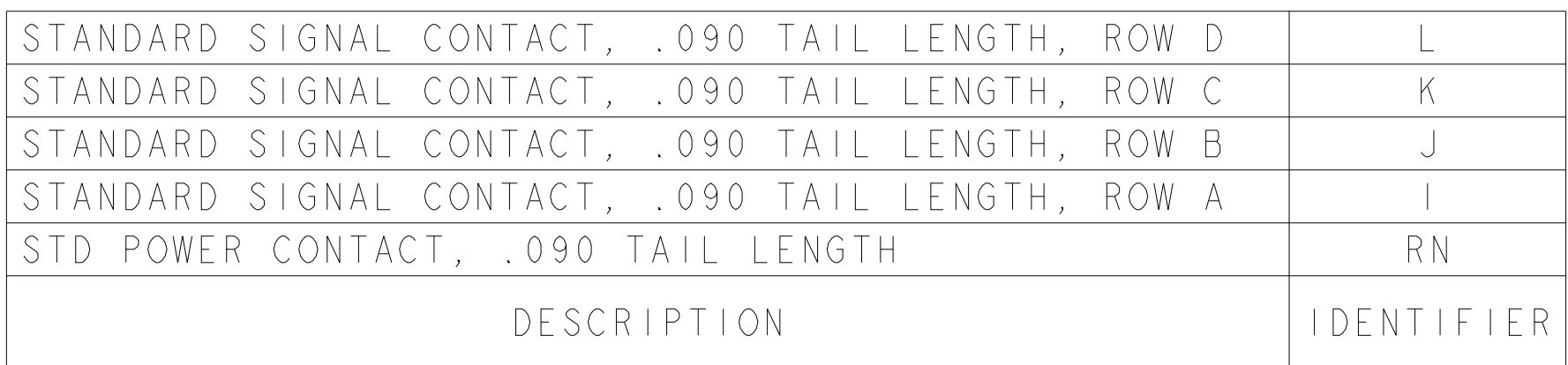
| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



| PART NUMBER | ROWS | | POWER | SIGNAL | | | | | | POWER | |
|---------------|------------------|---|-------|--------|---|---|---|---|---|-------|---|
| | | | P2 | 6 | 5 | 4 | 3 | 2 | 1 | P1 | |
| 6450870-5 | D C B A |  | RM | H | H | H | H | H | H | RM |  |
| | | | | G | G | G | G | G | G | | |
| | | | | F | F | F | F | F | F | | |
| | | | | E | E | E | E | E | E | | |
| IP + 24S + IP | | | | | | | | | | | |

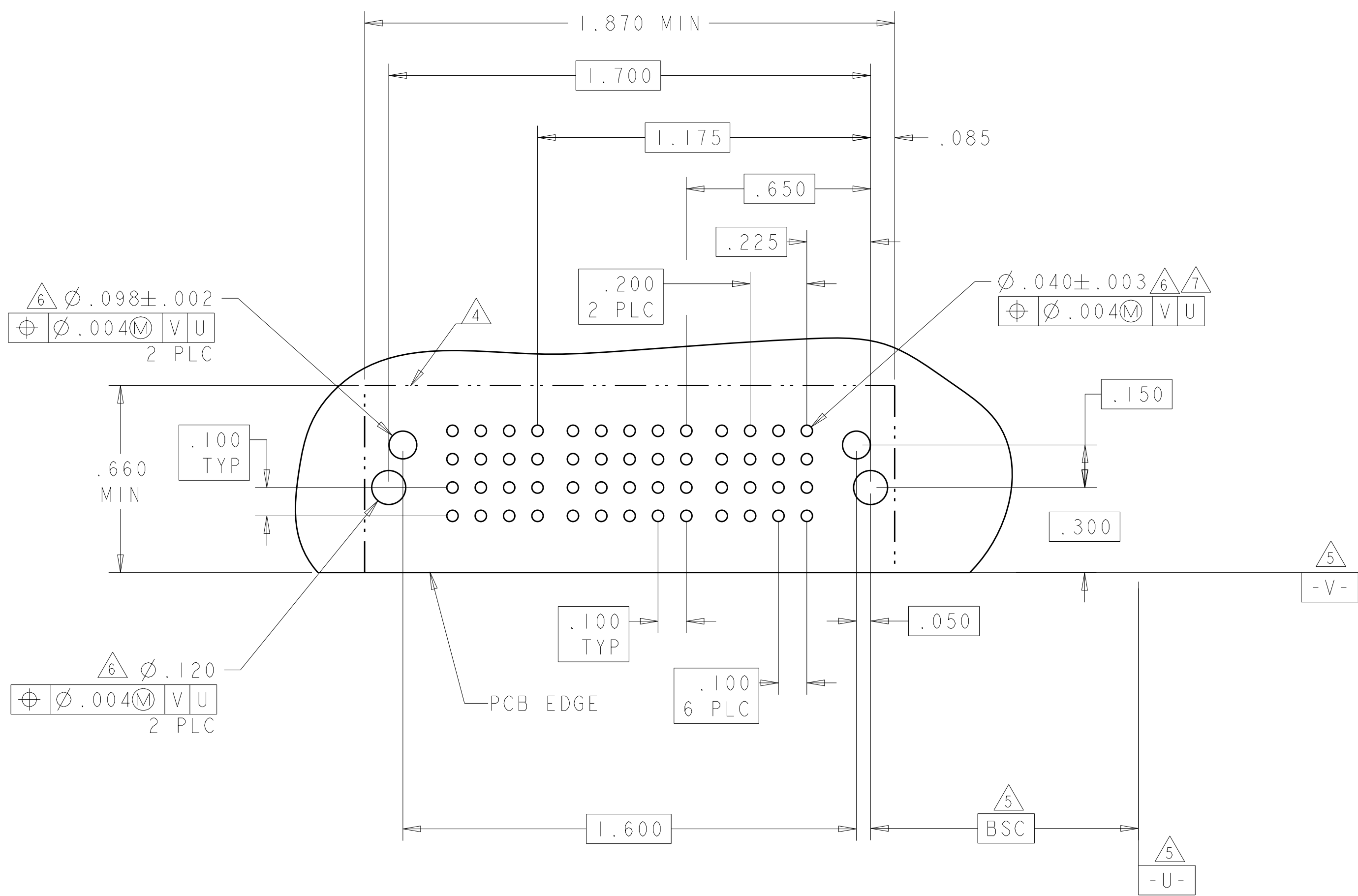
| PART NUMBER | ROWS | | POWER | | | | | SIGNAL | | | | | POWER | | | | | | | | | | | | |
|------------------|------------------|---|---|---|-----|---|-----|---|---|---|---|---|-------|---|----|---|----|---|----|---|----|---|----|---|---|
| | | | LP5 | LP4 | LP3 | LP2 | LPI | 5 | 4 | 3 | 2 | 1 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | | P1 | | | | |
| 6450870-7 | D C B A |  | LM |  | LM |  | LM |  | H | H | H | H | H |  | RM |  | RM |  | RM |  | RM |  | RM |  |  |
| | | | | | | | | | G | G | G | G | G | | | | | | | | | | | | |
| | | | | | | | | | E | E | E | E | E | | | | | | | | | | | | |
| | | | | | | | | | E | E | E | E | E | | | | | | | | | | | | |
| 8HDP + 20S + 5LP | | |  | | | | | | | | | | | | | | | | | | | | | | |

.250
 .200
6 PLC





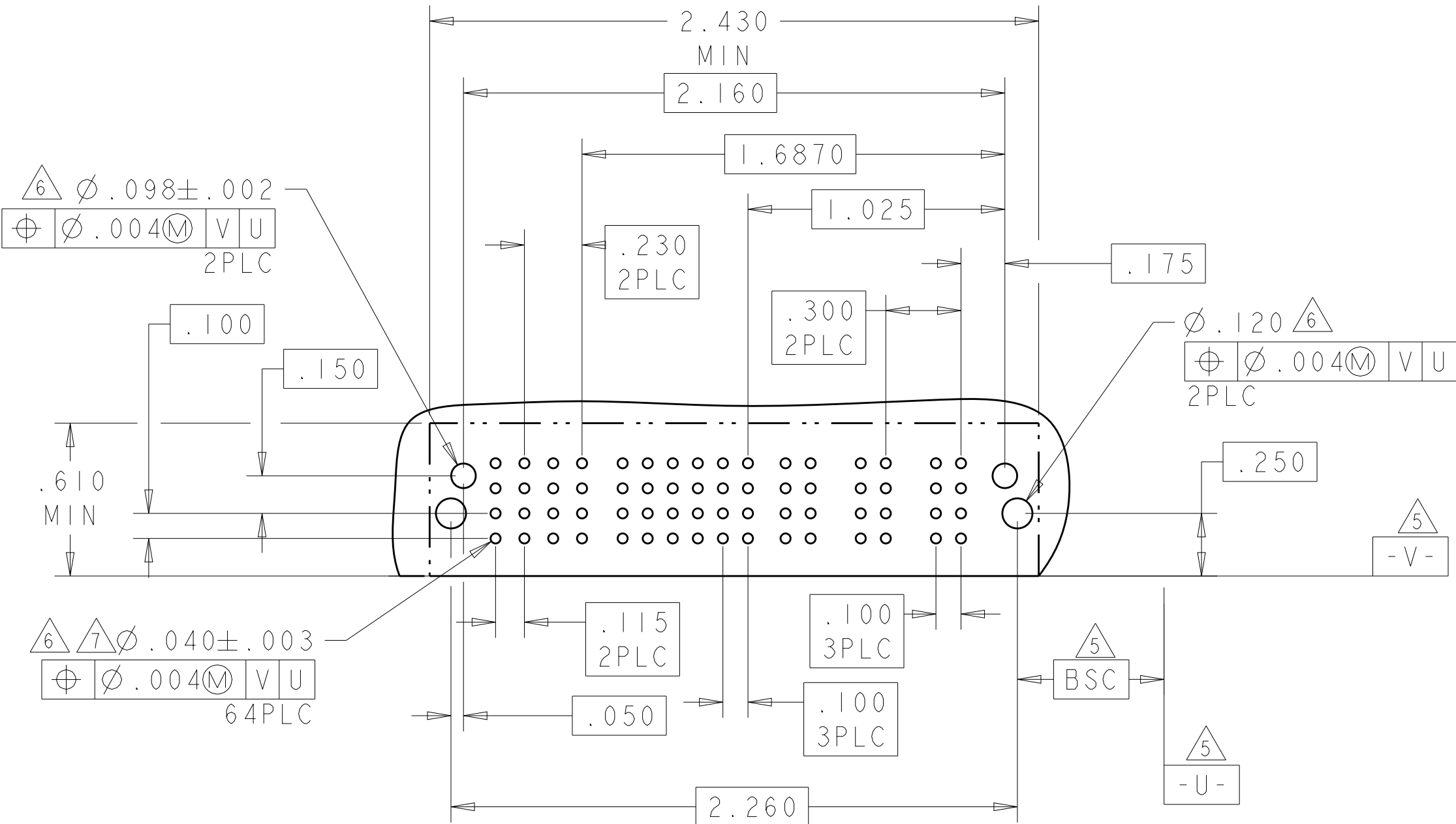
[illegible][illegible]4805 (3/11)



| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | | POWER | | |
|---------------|------|---|-------|----|--------|---|---|---|---|-------|----|---|
| | | | P4 | P3 | 5 | 4 | 3 | 2 | 1 | P2 | P1 | |
| I-6450870-I | D |  | RM | RM | H | H | H | H | H | RM | RM |  |
| | C | | | | G | G | G | G | G | | | |
| | B | | | | F | F | F | F | F | | | |
| | A | | | | E | E | E | E | E | | | |
| 2P + 20S + 2P | | | | | | | | | | | | |

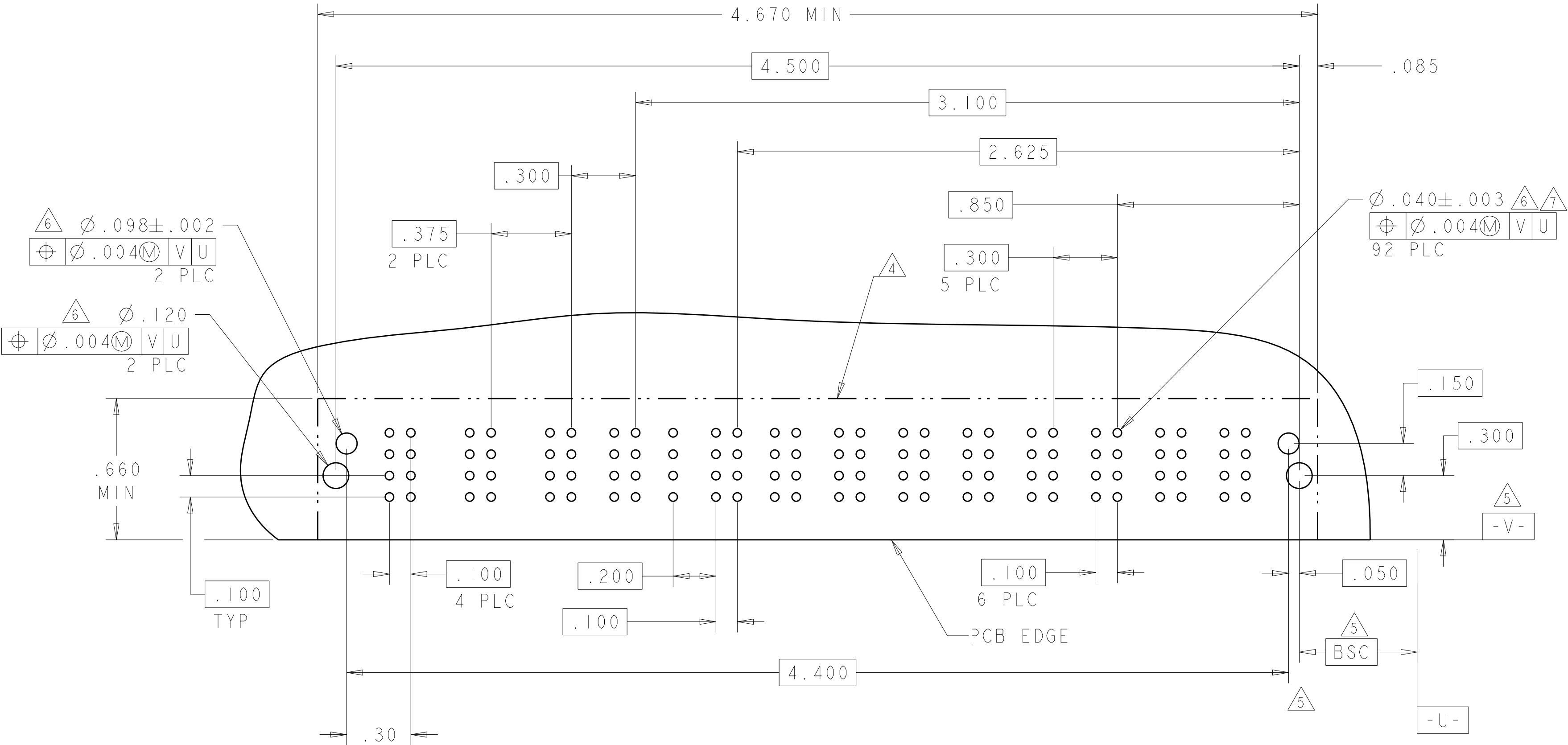
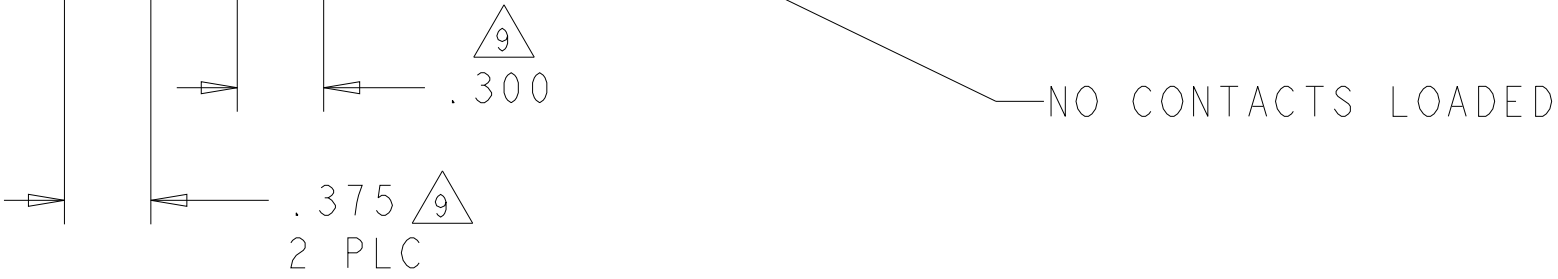
4805 (3/11)

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES | 00 | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| PART NUMBER | ROWS | | POWER | | | | SIGNAL | | | | | | POWER | | | |
|------------------|------------------|---|-------|----|----|----|--------|---|---|---|---|---|-------|----|----|---|
| | | | P7 | P6 | P5 | P4 | 6 | 5 | 4 | 3 | 2 | 1 | P3 | P2 | P1 | |
| I-6450870-2 | D C B A |  | LM | LM | LM | LM | H | H | H | H | H | H | RM | RM | RM |  |
| | | | | | | | G | G | G | G | G | G | | | | |
| | | | | | | | F | F | F | F | F | F | | | | |
| | | | | | | | E | E | E | E | E | E | | | | |
| 3ACP + 24S + 4LP | | | | | | | | | | | | | | | | |



| PART NUMBER | ROWS | | POWER | | | | SIGNAL | | | | POWER | | | | | | | | |
|-------------------|------------------|---|-------|-----|-----|----|--------|---|---|---|-------|----|----|----|----|----|----|----|---|
| | | | P12 | P11 | P10 | P9 | 4 | 3 | 2 | 1 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | |
| I-6450870-3 | D C B A |  | RM | RM | RM | RA | H | H | | H | RA | RA | RA | RA | RM | RM | RM | RM |  |
| | | | | | | | G | G | | G | | | | | | | | | |
| | | | | | | | F | F | | F | | | | | | | | | |
| | | | | | | | E | E | | E | | | | | | | | | |
| 8ACP + 16S + 4ACP | | | | | | | | | | | | | | | | | | | |



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CHK
S.ZHAO
APVD
S.ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

0 PLC ±.1
1 PLC ±.1
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°
FINISH -

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT -

MATERIAL -

Customer Drawing

SCALE 4:1

NAME
RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450870

RESTRICTED TO
-

SHEET 8 OF 20

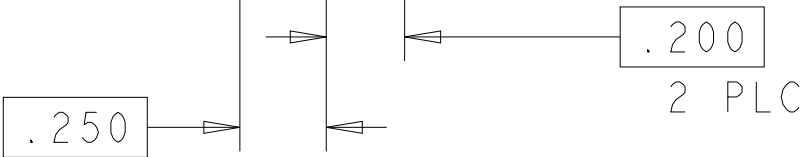
REV K2

TE Connectivity

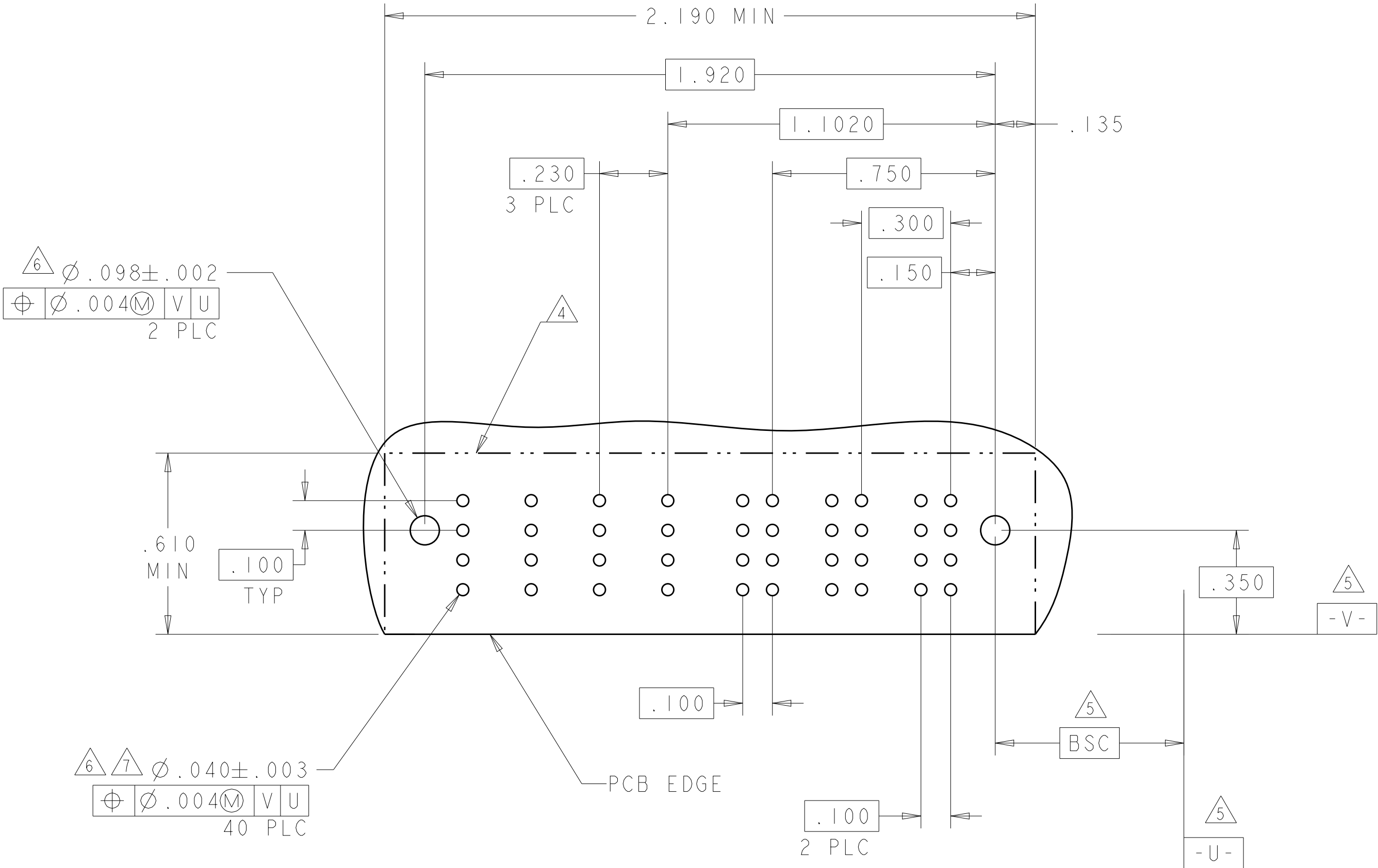
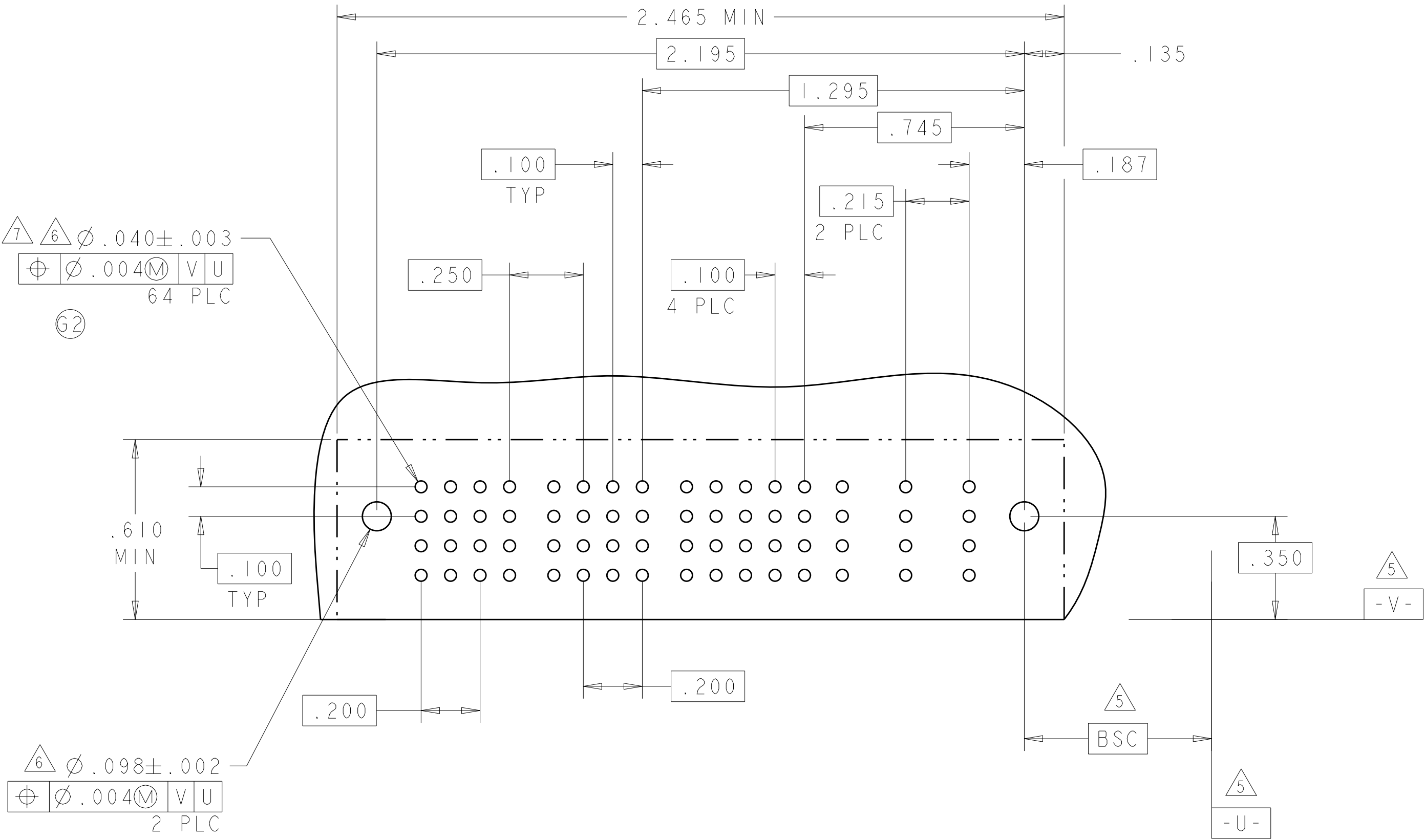
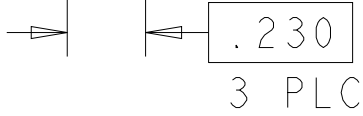
4805 (3/11)

| LOC | DIST | REVISIONS | | | | |
|-----|------|-----------|-----|-------------|------|-----|
| | | P | LTR | DESCRIPTION | DATE | OWN |
| ES | 00 | - | - | SEE SHEET 1 | - | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| PART NUMBER | ROWS | | POWER | | | | SIGNAL | | | | | POWER | | | |
|------------------|------------------|--|-------|----|----|----|--------|---|---|---|---|-------|-----|-----|--|
| | | | P4 | P3 | P2 | P1 | 5 | 4 | 3 | 2 | 1 | LP3 | LP2 | LPI | |
| 1-6450870-4 | D C B A | | RM | RM | RM | RM | H | H | H | H | H | LM | LM | LM | |
| | | | | | | | G | G | G | G | G | | | | |
| | | | | | | | F | F | F | F | F | | | | |
| | | | | | | | E | E | E | E | E | | | | |
| 3LP + 20S + 4HDP | | | | | | | | | | | | | | | |



| PART NUMBER | ROWS | | POWER | | | | SIGNAL | | POWER | | |
|-----------------|------------------|--|-------|-----|-----|-----|--------|---|-------|----|--|
| | | | LP4 | LP3 | LP2 | LPI | 2 | 1 | P2 | PI | |
| 1-6450870-5 | D C B A | | LM | LM | LM | LM | H | H | RM | RM | |
| | | | | | | | G | G | | | |
| | | | | | | | F | F | | | |
| | | | | | | | E | E | | | |
| 2ACP + 8S + 4LP | | | | | | | | | | | |



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DWN
C. ZHOU
CHK
S. ZHAO
APVD
S. ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.1
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°
FINISH
-

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT
-

Customer Drawing

NAME
RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450870

RESTRICTED TO
-

SCALE
4:1

SHEET
9

OF
20

REV
K2



[illegible]4805 (3/11)

67

4805 (3/11)



| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES | 00 | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

G8

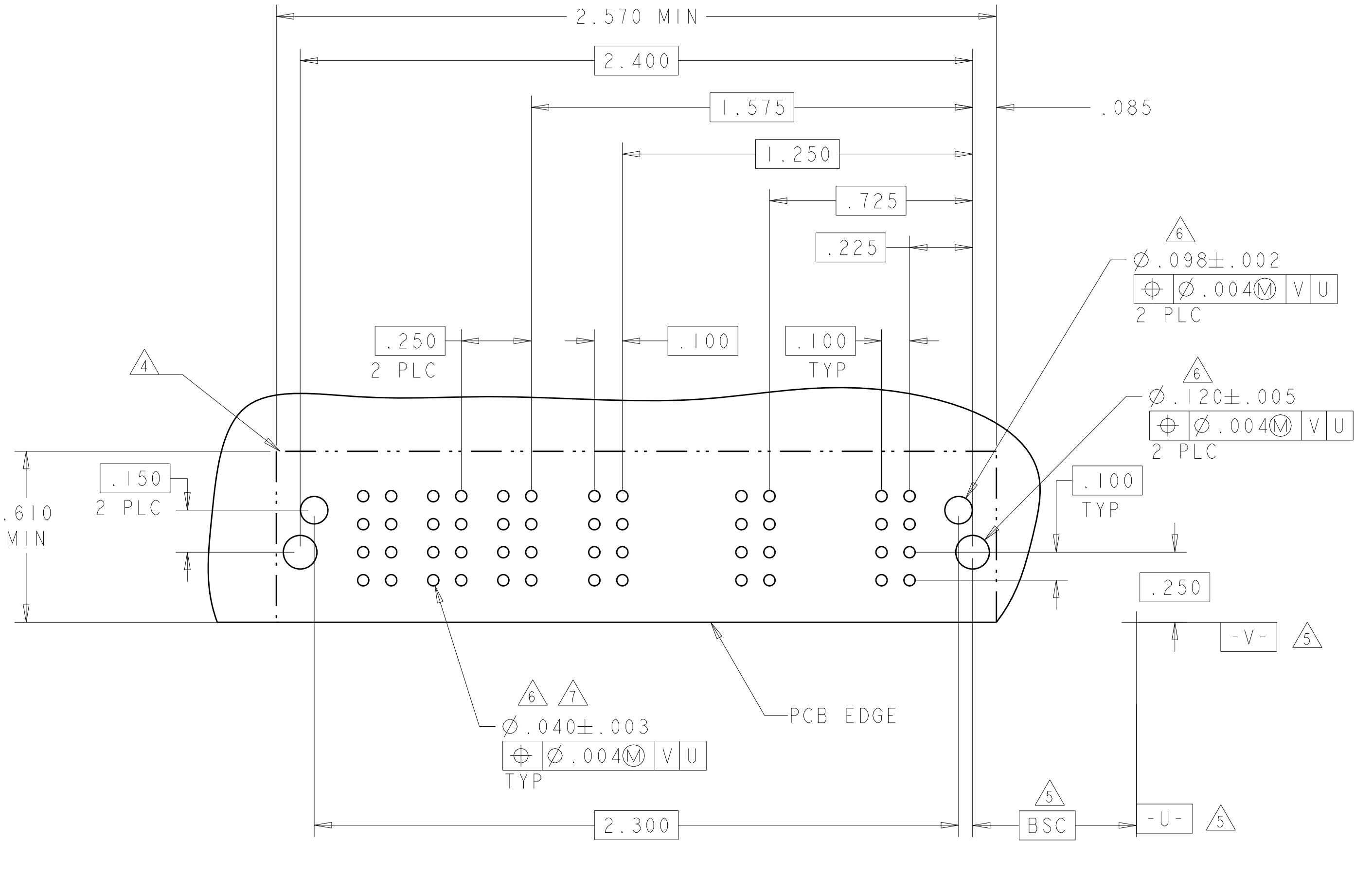
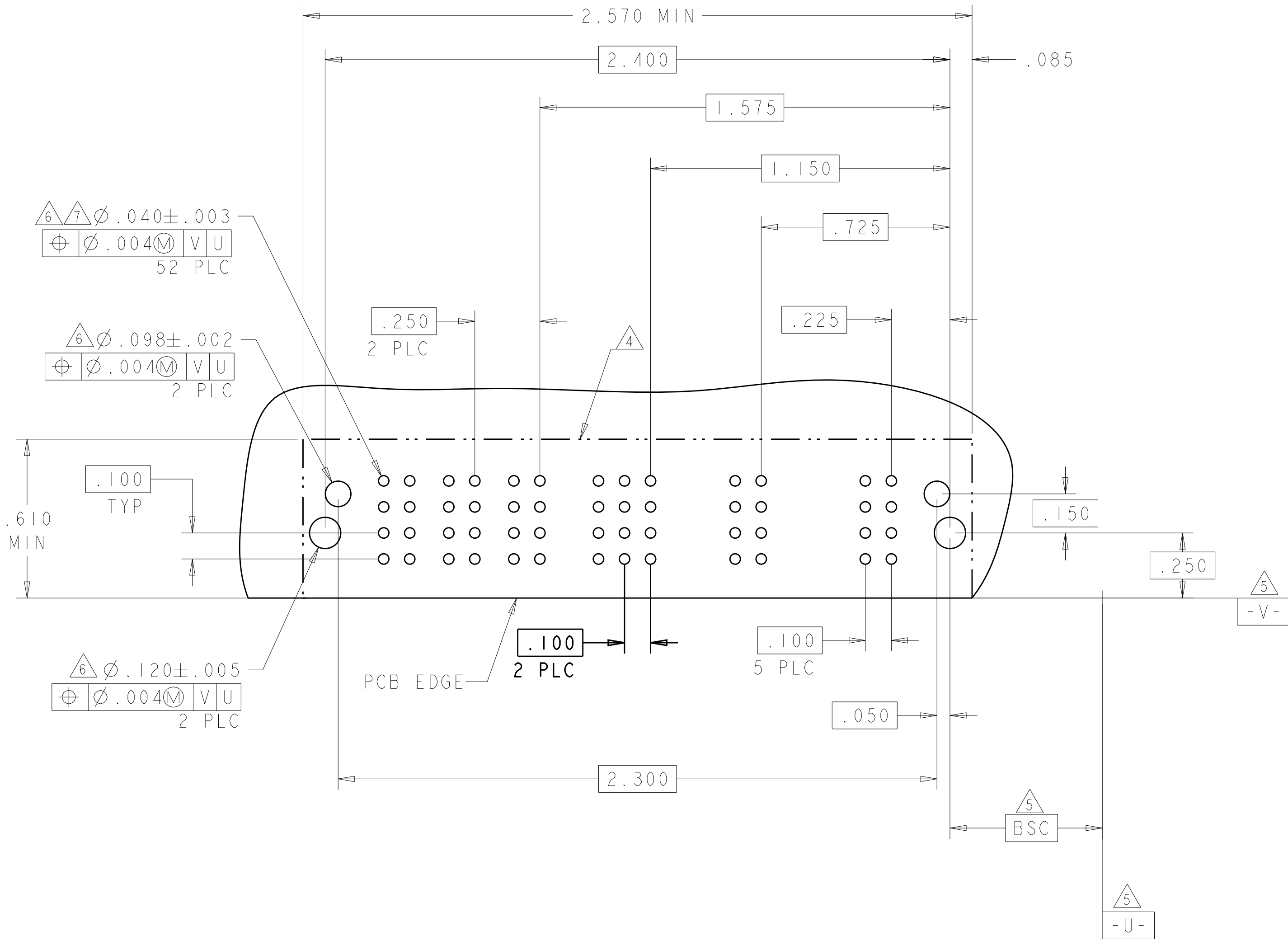
| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | | POWER | | | |
|---------------|------|---|-------|----|----|--------|---|---|---|---|-------|----|----|---|
| | | | P6 | P5 | P4 | 6 | 5 | 4 | 3 | 2 | 1 | P3 | P2 | |
| 1-6450870-9 | D |  | RM | RM | RA | | H | H | H | | | RM | RM |  |
| | | | | | | | G | G | G | | | | | |
| | | | | | | | F | F | F | | | | | |
| | A | HD | | | | | | E | E | E | | | | |
| 3P + 24S + 3P | | | | | | | | | | | | | | |

NO CONTACT LOADED

G9

| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | | POWER | | | | |
|---------------|------|---|-------|----|----|--------|---|---|---|---|-------|----|----|----|---|
| | | | P6 | P5 | P4 | 6 | 5 | 4 | 3 | 2 | 1 | P3 | P2 | | P1 |
| 2-6450870-0 | D |  | RM | RM | RA | | H | H | | | | RM | | RM |  |
| | | | | | | | H | G | | | | | | | |
| | C | | | | | | | F | F | | | | | | |
| | B | | | | | | | | | | | | | | |
| A | HD | | | | | E | E | | | | | | | | HD |
| 3P + 24S + 3P | | | | | | | | | | | | | | | |

NO CONTACT LOADED



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DWN
C. ZHOU
CHK
S. ZHAO
APVD
S. ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

0 PLC ±.1
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±2°
FINISH

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT
-

MATERIAL
-

Customer Drawing

NAME
RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A100779

CAGE CODE
C=6450870

DRAWING NO.
-

RESTRICTED TO
-

SCALE
4:1

SHEET
12


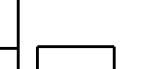
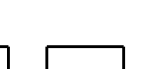
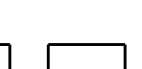
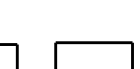
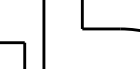
OF
20

REV
K2

TE Connectivity

| LOC | | DIST | | REVISONS | | | | |
|-----|----|------|-----|-------------|--|------|-----|------|
| ES | 00 | P | LTR | DESCRIPTION | | DATE | DWN | APVD |
| | | - | | SEE SHEET 1 | | - | - | - |
| | | | | | | | | |
| | | | | | | | | |

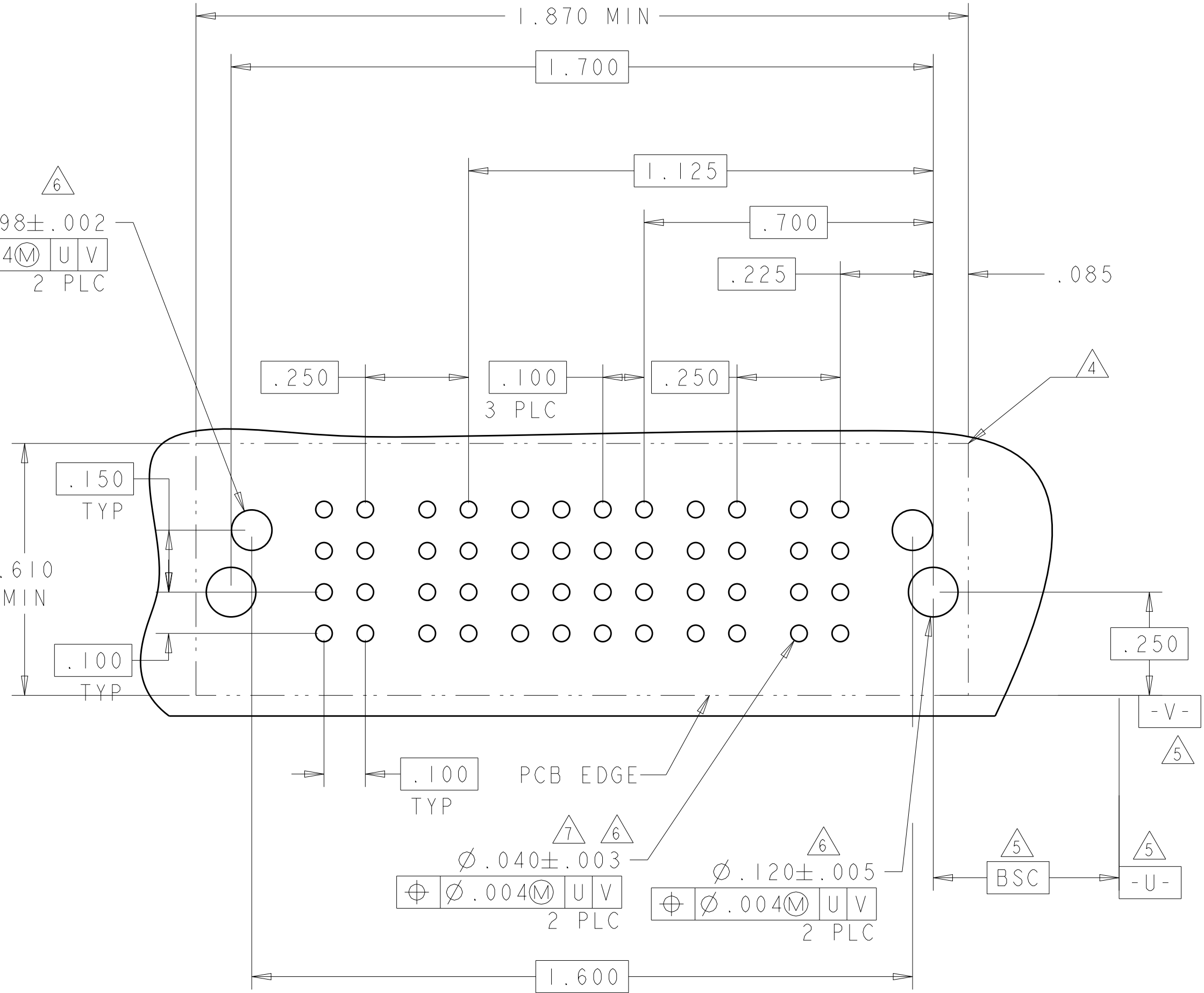
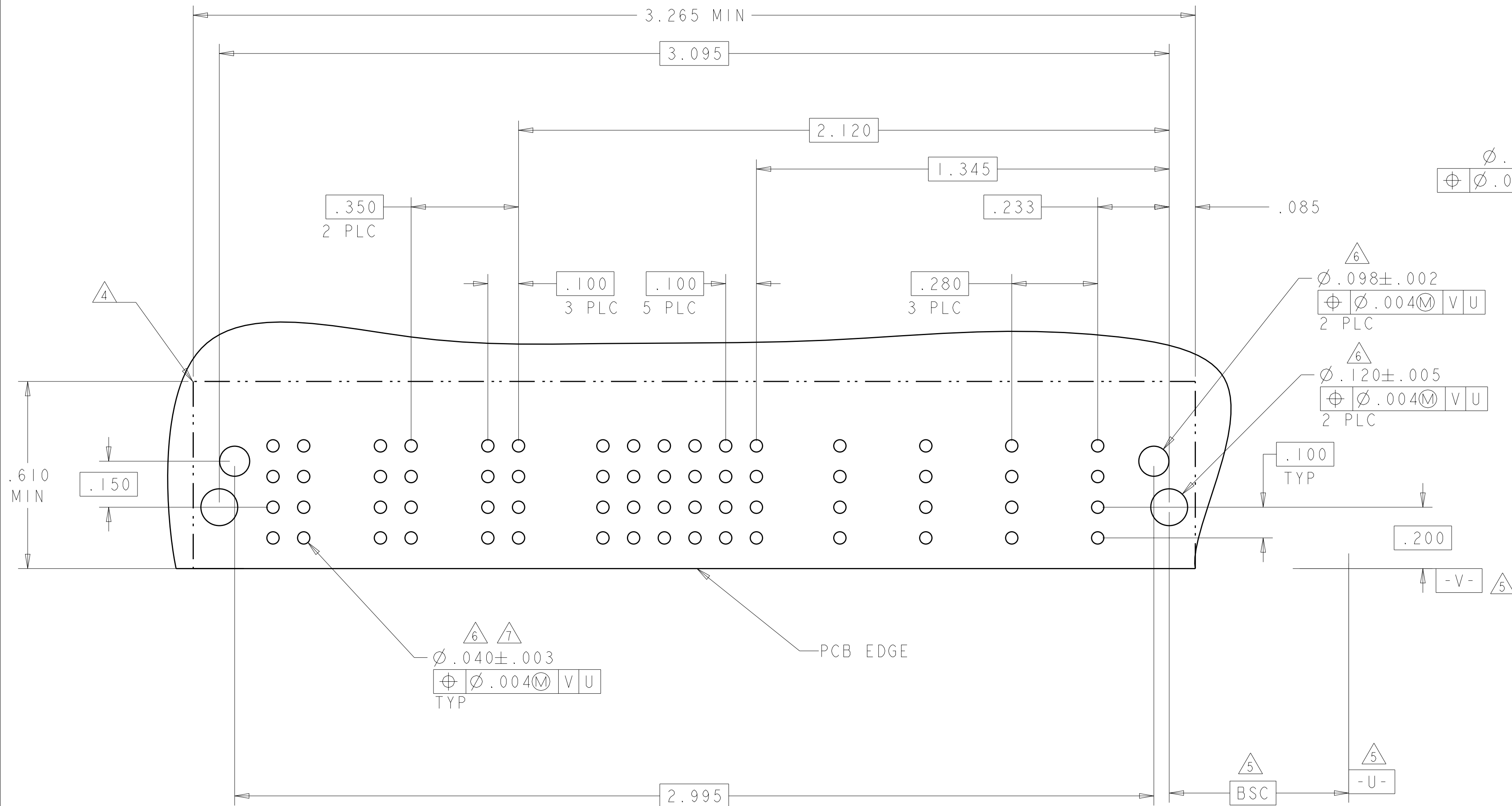
G9

| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | | | POWER | | | | | | | | |
|----------------|------|---|-------|----|----|--------|---|---|---|---|---|---|-----|---|-----|---|-----|---|----|---|
| | | | P3 | P2 | P1 | 6 | 5 | 4 | 3 | 2 | 1 | LP8 | LP7 | LP6 | LP5 | LP4 | LP3 | LP2 | | LP1 |
| 2-6450870-1 | D |  | RM | RM | RM | | | | | | |  | LM |  | LM |  | LM |  | LM |  |
| | H | | | | | H | H | H | H | H | | | | | | | | | | |
| | G | | | | | G | G | G | G | G | | | | | | | | | | |
| | F | | | | | F | F | F | F | F | | | | | | | | | | |
| | A | | | | | E | E | E | E | E | E | | | | | | | | | |
| 8LP + 24S + 3P | | | | | | | | | | | | | | | | | | | | |

NO CONTACT LOADED

H1

| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | POWER | | |
|---------------|------|--|-------|----|--------|---|---|---|-------|----|--|
| | | | P4 | P3 | 4 | 3 | 2 | 1 | P2 | P1 | |
| 2-6450870-2 | D | | RM | RM | H | H | H | H | RM | RM | |
| | C | | | | G | G | G | G | | | |
| | B | | | | F | F | F | F | | | |
| | A | | | | E | E | E | E | | | |
| 2P + 16S + 2P | | | | | | | | | | | |



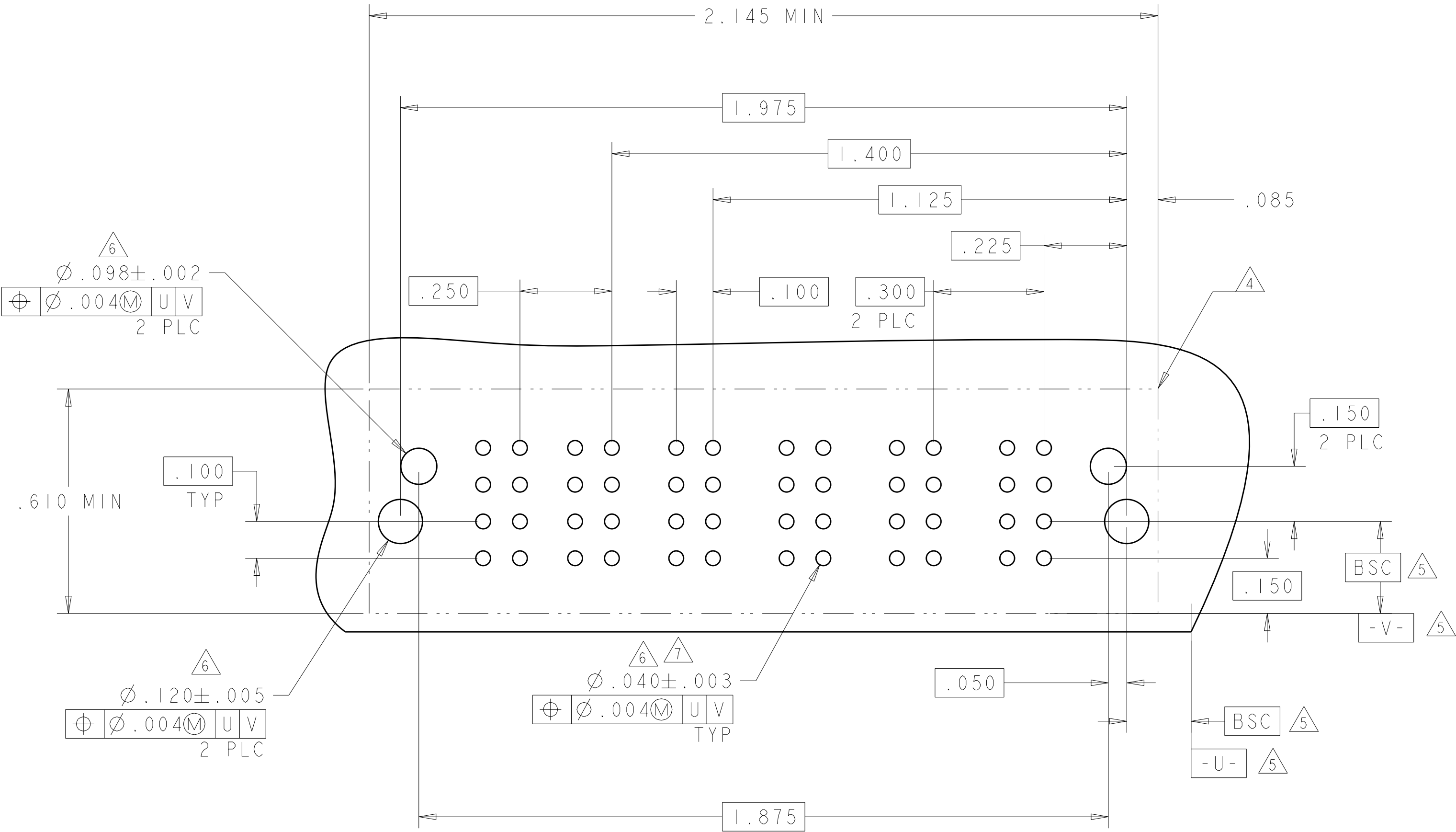
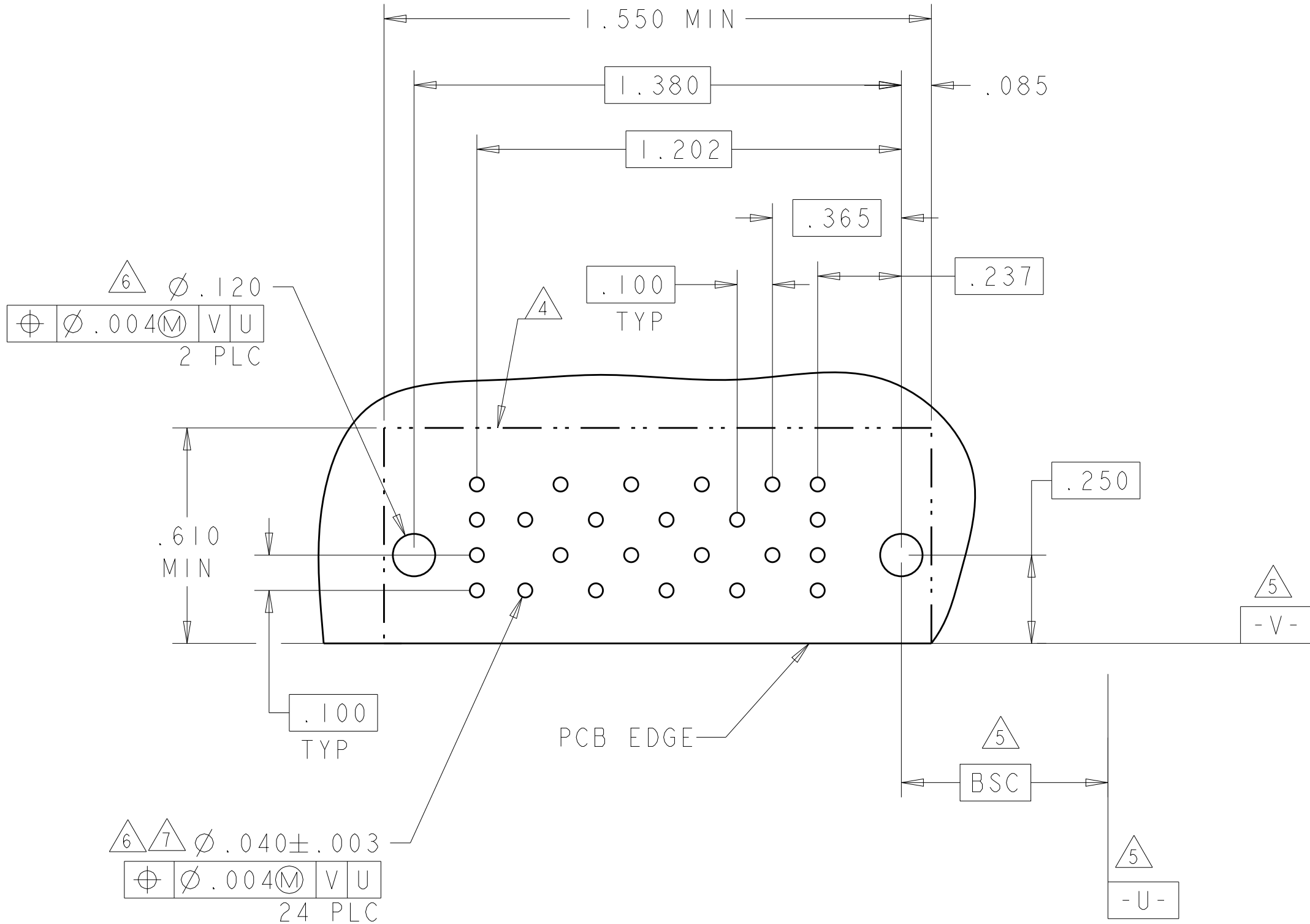
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|--|--|--|--|------------------|-----------|------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | | | DWN | 11OCT2007 | TE Connectivity | | |
| | | | | CHK | 11OCT2007 | | | |
| DIMENSIONS: | | | | APVD | - | NAME | | |
| INCHES | | | | PRODUCT SPEC | 108-2292 | RIGHT ANGLE RECEPTACLE | | |
| | | | | APPLICATION SPEC | 114-13251 | SHORT END MODULE | | |
| | | | | WEIGHT | - | MULTI-BEAM XLE | | |
| | | | | Customer Drawing | - | RESTRICTED TO | | |
| | | | | SCALE | 4:1 | SHEET 13 OF 20 | | |
| | | | | REV | K2 | | | |

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES | 00 | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| PART NUMBER | ROWS | | LOW POWER | | SIGNAL | | | | | | | | LOW POWER | | |
|-----------------|------|--|-----------|---|--------|---|---|---|---|---|---|---|-----------|--|--|
| | | | LP2 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | LP1 | | |
| 2-6450870-3 | D | | LM | | H | | H | | H | | H | | LM | | |
| | C | | | G | | G | | G | | G | | | | | |
| | B | | | F | | F | | F | | F | | | | | |
| | A | | | E | | E | | E | | E | | | | | |
| 1LP + 32S + 1LP | | | | | | | | | | | | | | | |

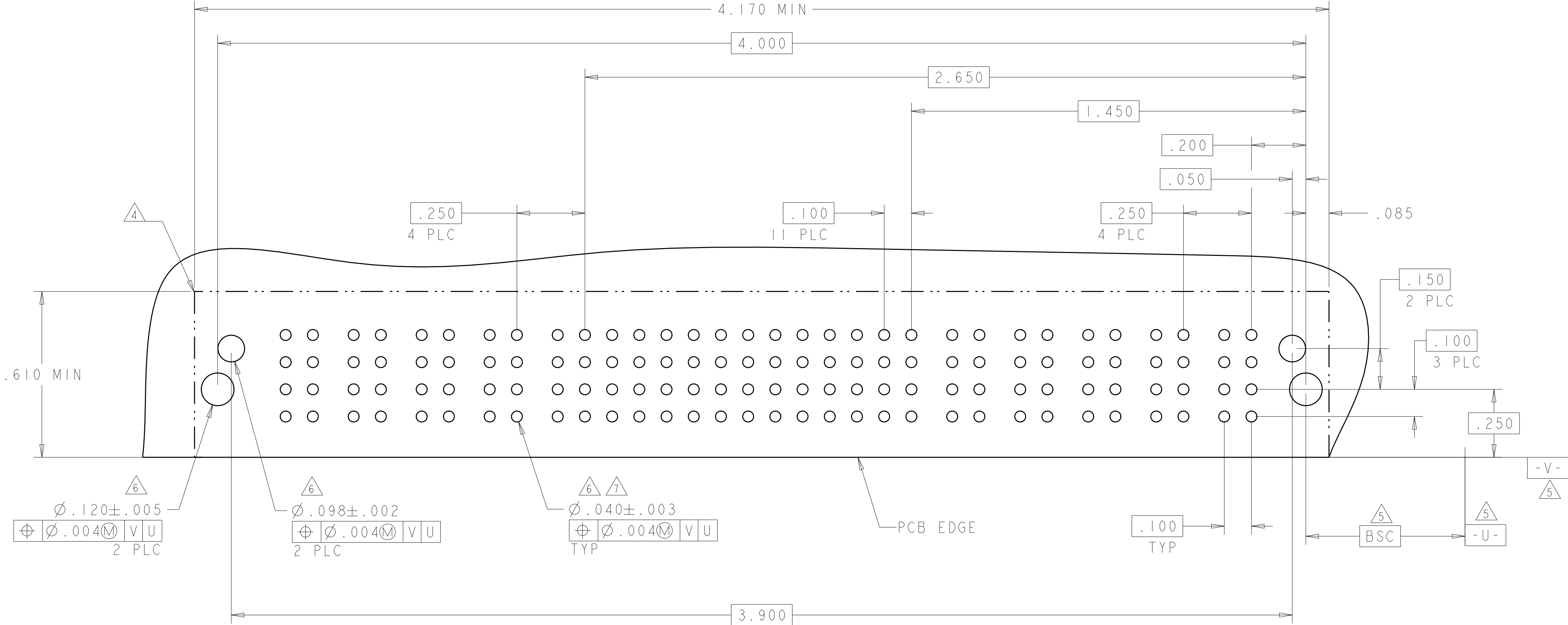
NO CONTACTS LOADED

| PART NUMBER | ROWS | | POWER | | SIGNAL | | POWER | | | |
|----------------|------|--|-------|----|--------|---|-------|----|----|--|
| | | | P5 | P4 | 2 | 1 | P3 | P2 | P1 | |
| 2-6450870-4 | D | | RM | RM | H | H | RA | RM | RM | |
| | C | | | | G | G | | | | |
| | B | | | | F | F | | | | |
| | A | | | | E | E | | | | |
| 3ACP + 8S + 2P | | | | | | | | | | |





| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
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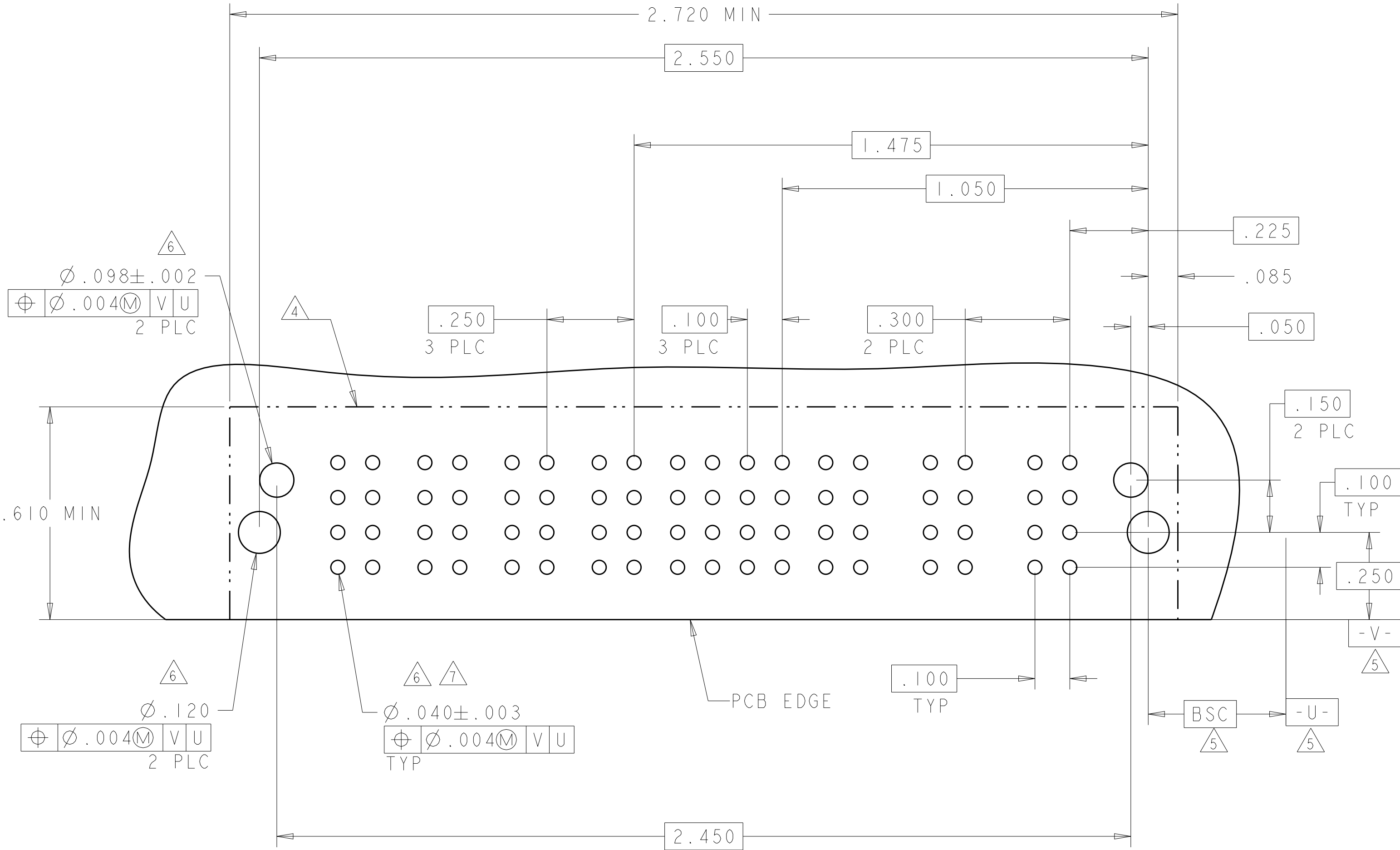
| PART NUMBER | ROWS | | POWER | | | | | SIGNAL | | | | | | | | | | | POWER | | | | | | | | | |
|---------------|------------------|--|-------|----|----|----|----|--------|----|----|---|---|---|---|---|---|---|---|-------|----|----|----|----|----|----|---|---|---|
| | | | P10 | P9 | P8 | P7 | P6 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P5 | P4 | P3 | P2 | | P1 | | | |
| 2-6450870-5 | D C B A | | | RM | RM | RM | RM | RM | | | | | | | | | | | | RM | RM | RM | RM | RM | | | | |
| | | | | | | | | | H | H | H | H | H | H | H | H | H | H | H | | | | | | | H | H | H |
| | | | | | | | | | G | G | G | G | G | G | G | G | G | G | G | | | | | | | G | G | G |
| | | | | | | | | | F | F | F | F | F | F | F | F | F | F | F | | | | | | | F | F | F |
| 5P + 48S + 5P | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | | | |
|--|--|---|-----------|------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN C. ZHOU | 11OCT2007 | | |
| | | CHK S. ZHAO | 11OCT2007 | | |
| DIMENSIONS: INCHES | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME | |
| | | 0 PLC ±.1 | | PRODUCT SPEC | |
| | | 1 PLC ±.1 | | 108-2292 | |
| | | 2 PLC ±.01 | | APPLICATION SPEC | |
| | | 3 PLC ±.005 | | 114-13251 | |
| | | 4 PLC ±.0020 | | WEIGHT | |
| | | ANGLES ±.2° | | Customer Drawing | |
| | | FINISH | | SCALE 4:1 | |
| MATERIAL | | | | SHEET 15 OF 20 | |
| | | | | REV K2 | |

| LOC | DIST | REVISIONS | | | | |
|-----|------|-----------|-----|-------------|------|-----|
| | | P | LTR | DESCRIPTION | DATE | DWN |
| ES | 00 | - | - | SEE SHEET 1 | - | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| PART NUMBER | ROWS | | POWER | | | | SIGNAL | | | | POWER | | | |
|-----------------|------|---|-------|----|----|----|--------|---|---|---|-------|----|----|---|
| | | | P7 | P6 | P5 | P4 | 4 | 3 | 2 | 1 | P3 | P2 | P1 | |
| 2-6450870-6 | D |  | RM | RM | RM | RM | H | H | H | H | RM | RM | RM |  |
| | C | | | | | | G | G | G | G | | | | |
| | B | | | | | | F | F | F | F | | | | |
| | A | HD | | | | | E | E | E | E | | | | HD |
| 3ACP + 16S + 4P | | | | | | | | | | | | | | |



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DWN
C.ZHOU
CHK
S.ZHAO
APVD
S.ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

0 PLC ±.1
1 PLC ±.1
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES #2°
FINISH -

MATERIAL
-

Customer Drawing

TE Connectivity

RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450870

RESTRICTED TO
-

SCALE
4:1

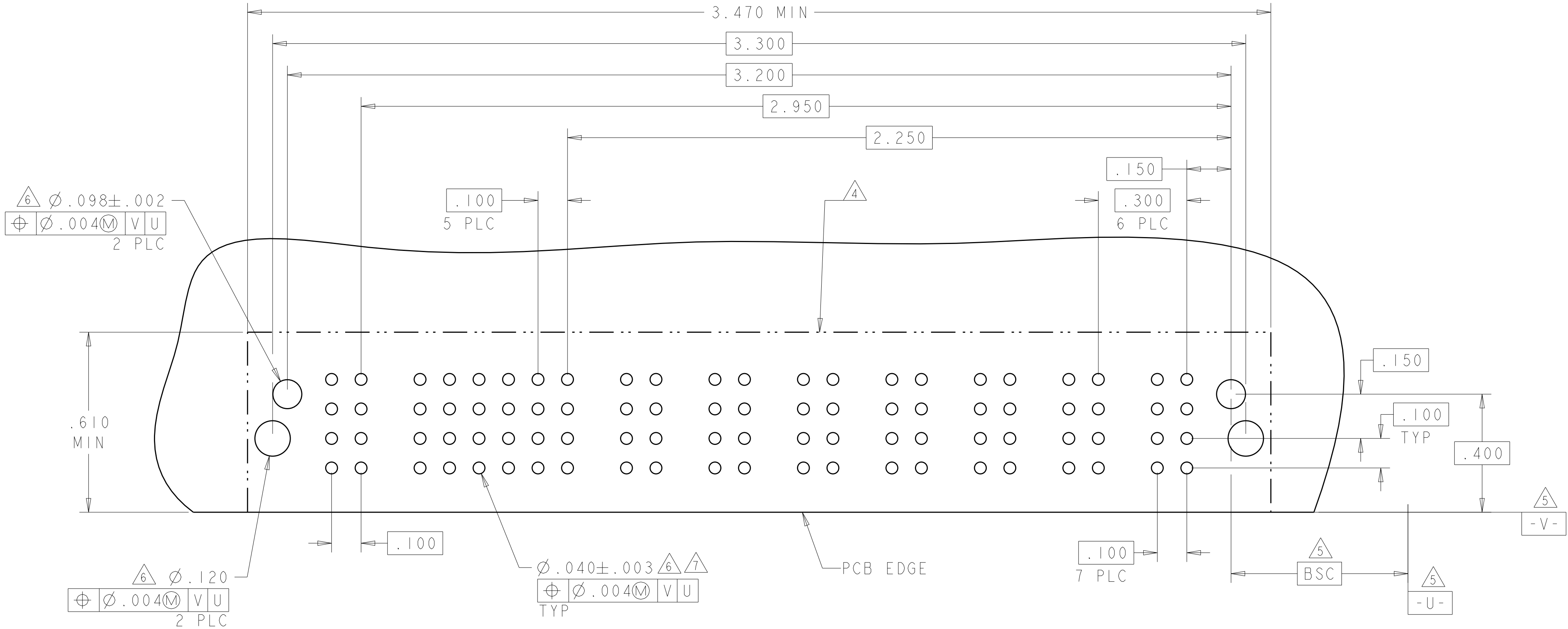
SHEET
16

OF
20

REV
K2

| LOC | DIST | REVISIONS | | | | |
|-----|------|-----------|-----|-------------|------|-----|
| | | P | LTR | DESCRIPTION | DATE | DWN |
| ES | 00 | - | - | SEE SHEET 1 | - | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| PART NUMBER | ROWS | | POWER | SIGNAL | | | | | | POWER | | | | | | | |
|-----------------|------|---|-------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|---|
| | | | | P8 | 6 | 5 | 4 | 3 | 2 | 1 | P7 | P6 | P5 | P4 | P3 | P2 | |
| 2-6450870-8 | D | C | RA | H | H | H | H | H | H | RM | RM | RM | RM | RM | RM | RA | D |
| | G | | | G | G | G | G | G | | | | | | | | | |
| | F | | | F | F | F | F | F | | | | | | | | | |
| | E | | | E | E | E | E | E | | | | | | | | | |
| 7ACP + 24S + 1P | | | | | | | | | | | | | | | | | |



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DWN
C.ZHOU
CHK
S.ZHAO
APVD
S.ZHAO

11OCT2007
11OCT2007
-

DIMENSIONS:
INCHES

0 PLC ±.1
1 PLC ±.1
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°
FINISH -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251
WEIGHT -

MATERIAL -

Customer Drawing

TE Connectivity

RIGHT ANGLE RECEPTACLE
SHORT END MODULE
MULTI-BEAM XLE

SIZE
A100779

CAGE CODE
C=6450870

DRAWING NO
-













RESTRICTED TO
-

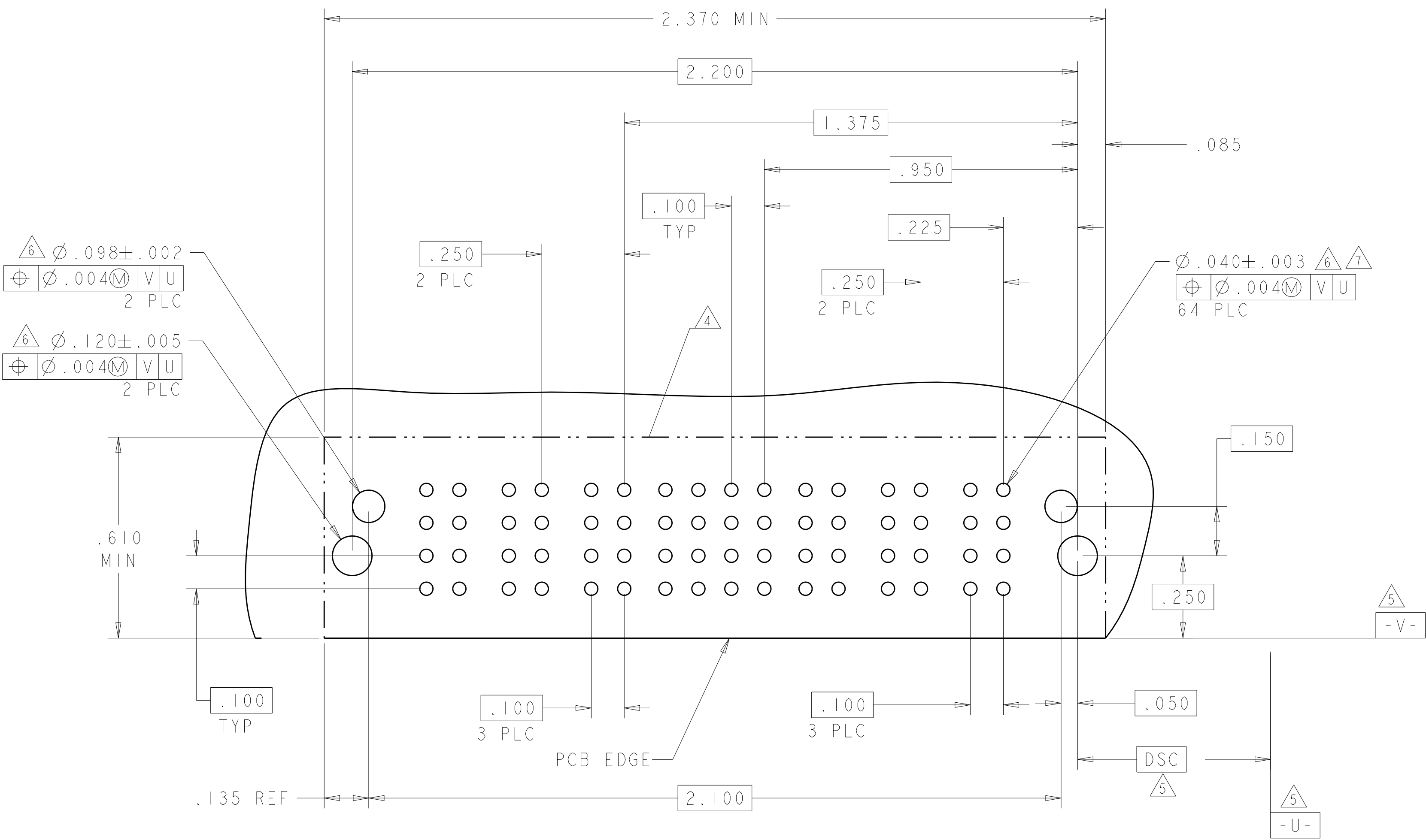
SCALE
4:1

SHEET
17

OF
20



REV
K2

| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | POWER | | | |
|---------------|------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P6 | P5 | P4 | 4 | 3 | 2 | 1 | P3 | P2 | P1 | |
| 3-6450870-0 | D C B A |  |  |  |  |  |  |  |  |  |  |  |  |
| 3P + 16S + 3P | | | | | | | | | | | | | |

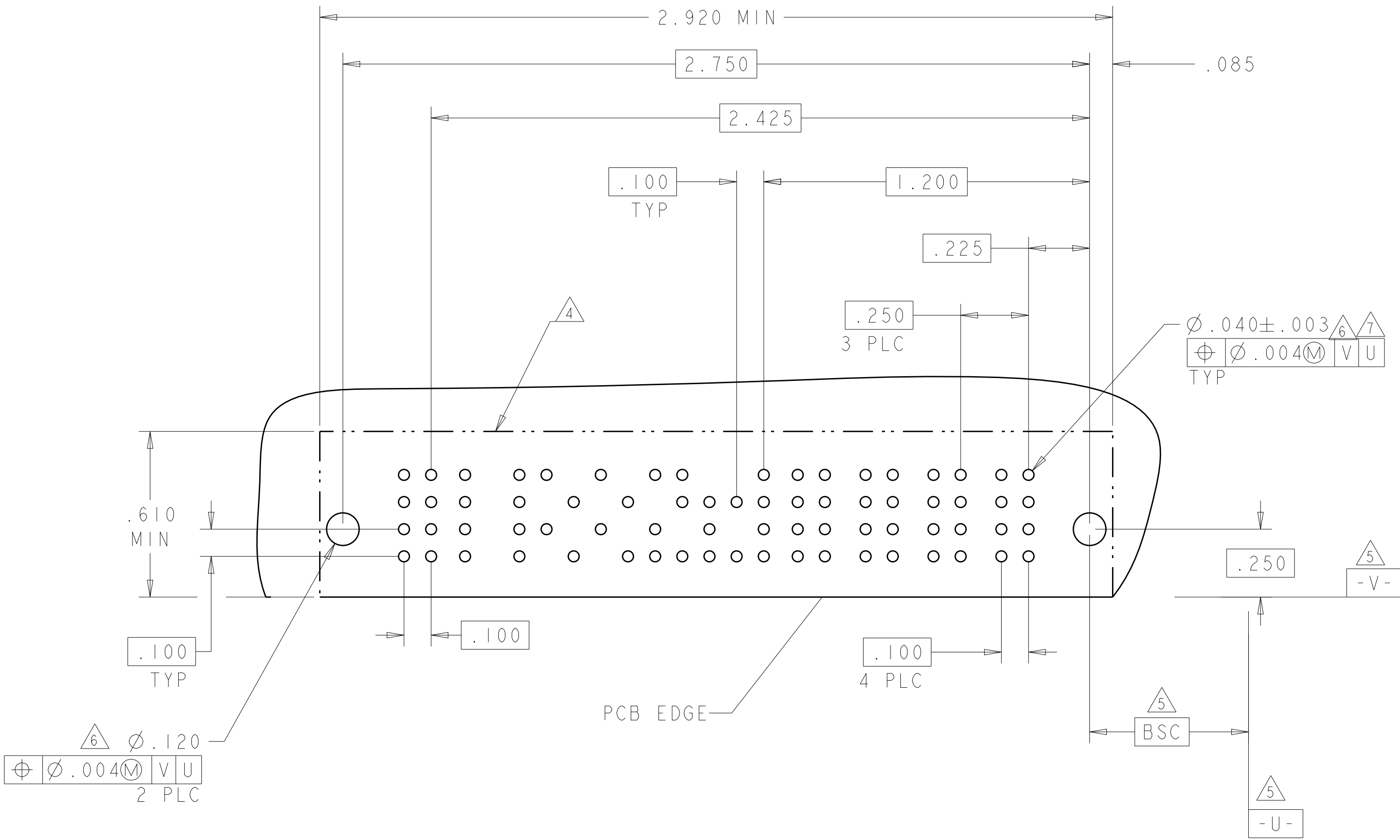
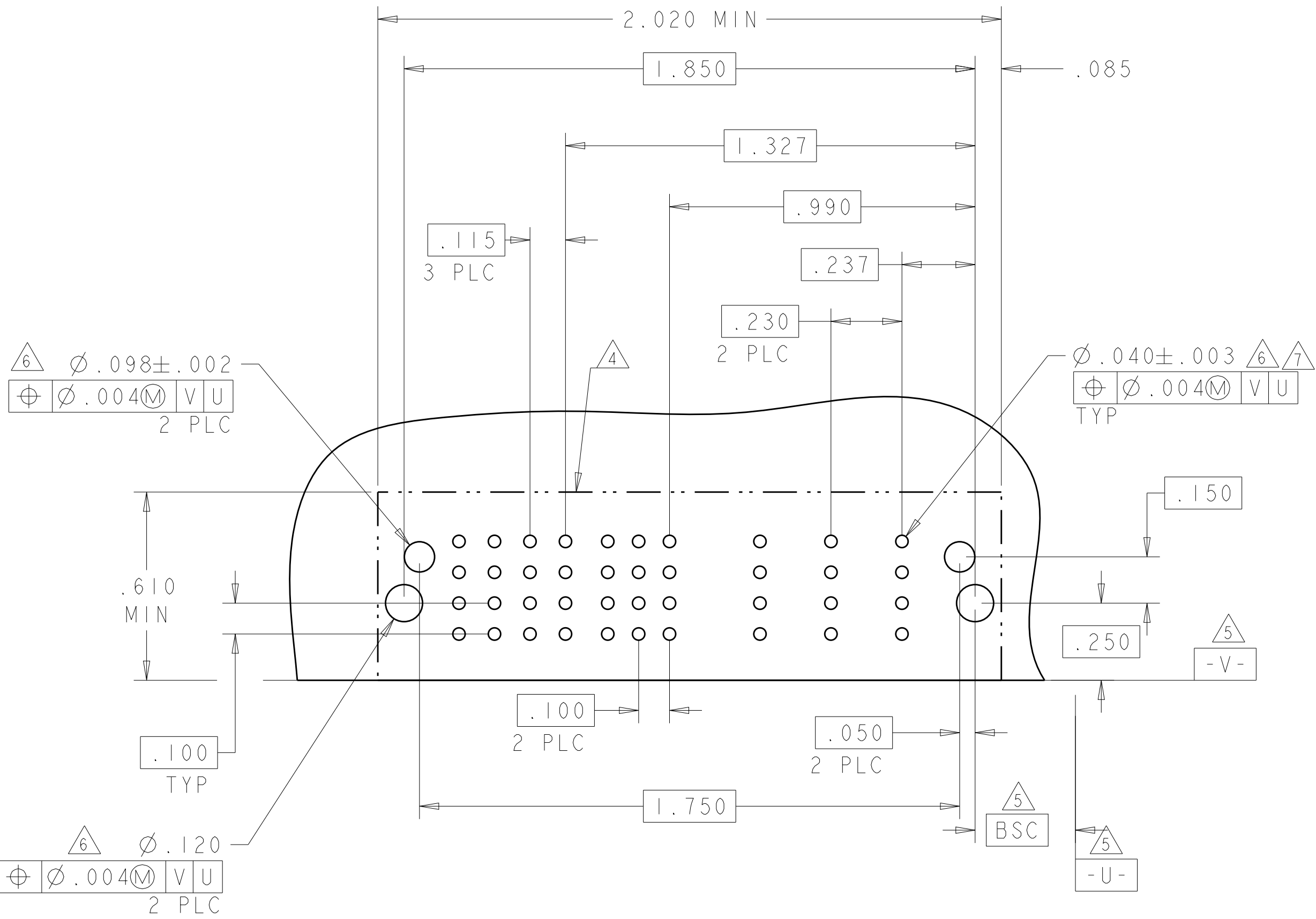



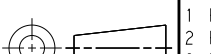
| LOC | DIST | REVISIONS | | | | | |
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| ES | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | - | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| PART NUMBER | ROWS | LOW POWER | | | | SIGNAL | | | LOW POWER | | | | |
|-----------------|------|-----------|-----|-----|-----|--------|---|---|-----------|-----|-----|----|--|
| | | LP7 | LP6 | LP5 | LP4 | 3 | 2 | 1 | LP3 | LP2 | LP1 | | |
| 3-6450870-1 | D | | LM | LM | LM | LM | H | H | H | LM | LM | LM | |
| | C | | | | | | G | G | G | | | | |
| | B | | | | | | F | F | F | | | | |
| | A | | | | | | E | E | E | | | | |
| 3LP + 12S + 4LP | | | | | | | | | | | | | |

| PART NUMBER | ROWS | | | POWER | SIGNAL | | | | | | | | | | | POWER | | | | | |
|---------------|------|---|----|-------|--------|----|----|---|---|---|---|---|---|---|---|-------|----|----|----|----|---|
| | | | | P5 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P4 | P3 | P2 | | P1 |
| 3-6450870-2 | D |  | RM | | H | | H | H | | H | | H | H | | | H | RM | RM | RM | RM |  |
| | | | | G | | G | | G | | G | G | G | G | | | | | | | | |
| | C | | | | F | | F | F | | F | | F | | F | F | | | | | | |
| | A | | | | E | | E | | E | | E | E | E | E | E | | | | | | |
| 4P + 48S + 1P | | | | | | | | | | | | | | | | | | | | | |

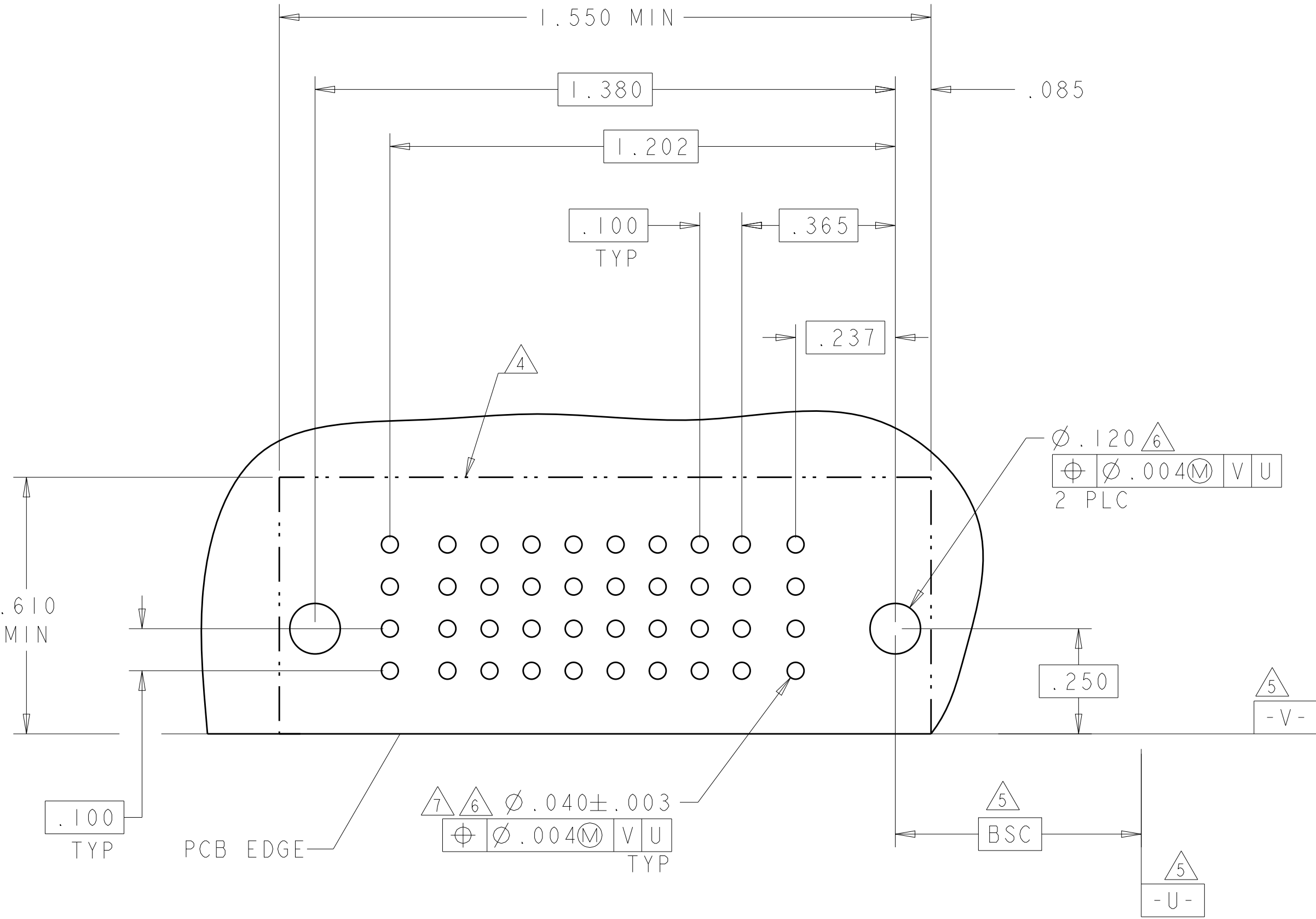
BLANK SIGNAL PINS ARE UNLOADED





| | | | | | | | | | | | |
|---|--|--|---|------------------|--|------------|---------------|-------|----------|-----|----|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN C. ZHOU 11OCT2007 |  TE Connectivity | | | | | | | | |
| | | CHK S. ZHAO 11OCT2007 | | | | | | | | | |
| DIMENSIONS: INCHES | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME | RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE | | | | | | |
|  | | APVD S. ZHAO | | | | | | | | | |
| | | PRODUCT SPEC | | | | | | | | | |
| | | 108-2292 | | | | | | | | | |
| | | APPLICATION SPEC | | | | | | | | | |
| | | 114-13251 | | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO | | | | |
| MATERIAL | | FINISH | | WEIGHT | A100779C=6450870 | | - | | | | |
| | | | | Customer Drawing | | SCALE | 4:1 | SHEET | 19 OF 20 | REV | K2 |

| LOC | DIST | REVISIONS | | | | |
|-----|------|-----------|-----|-------------|------|-----|
| | | P | LTR | DESCRIPTION | DATE | DWN |
| ES | 00 | - | - | SEE SHEET 1 | - | - |
| | | | | | | |
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| PART NUMBER | ROWS | | LOW POWER | SIGNAL | | | | | | | | LOW POWER | | |
|-----------------|------|--|-----------|--------|---|---|---|---|---|---|---|-----------|--|--|
| | | | LP2 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | LPI | | |
| 3-6450870-4 | D | | LM | H | H | H | H | H | H | H | H | LM | | |
| | C | | | G | G | G | G | G | G | G | | | | |
| | B | | | F | F | F | F | F | F | F | | | | |
| | A | | | E | E | E | E | E | E | E | | | | |
| ILP + 32S + ILP | | | | | | | | | | | | | | |



| | | | | | | | | | | | | |
|---|-------|--|--------|-----------|---|--|--------------|-----------|------------|---------------|-----|----|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | C.ZHOU | 11OCT2007 |  TE Connectivity | | | | | | | |
| | | CHK | S.ZHAO | 11OCT2007 | | | | | | | | |
| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | | NAME | RIGHT ANGLE RECEPTACLE SHORT END MODULE MULTI-BEAM XLE | | | | | | |
| INCHES | | | | | | | PRODUCT SPEC | | | | | |
|  | 0 PLC | ±.1 | APD | S.ZHAO | 108-2292 | | | | | | | |
| | 1 PLC | ±.01 | | | | | | | | | | |
| | 2 PLC | ±.01 | | | | | | | | | | |
| | 3 PLC | ±.005 | | | | | | | | | | |
| | 4 PLC | ±.0020 | | | | | | | | | | |
| ANGLES | | FINISH | | | APPLICATION SPEC | | | | | | | |
| | | | | | | | 114-13251 | | | | | |
| MATERIAL | | WEIGHT | | | SIZE | | | CAGE CODE | DRAWING NO | RESTRICTED TO | | |
| | | | | | A1 | | 100779 | C-6450870 | - | | | |
| Customer Drawing | | | | SCALE | 4:1 | | SHEET | 20 | OF | 20 | REV | K2 |