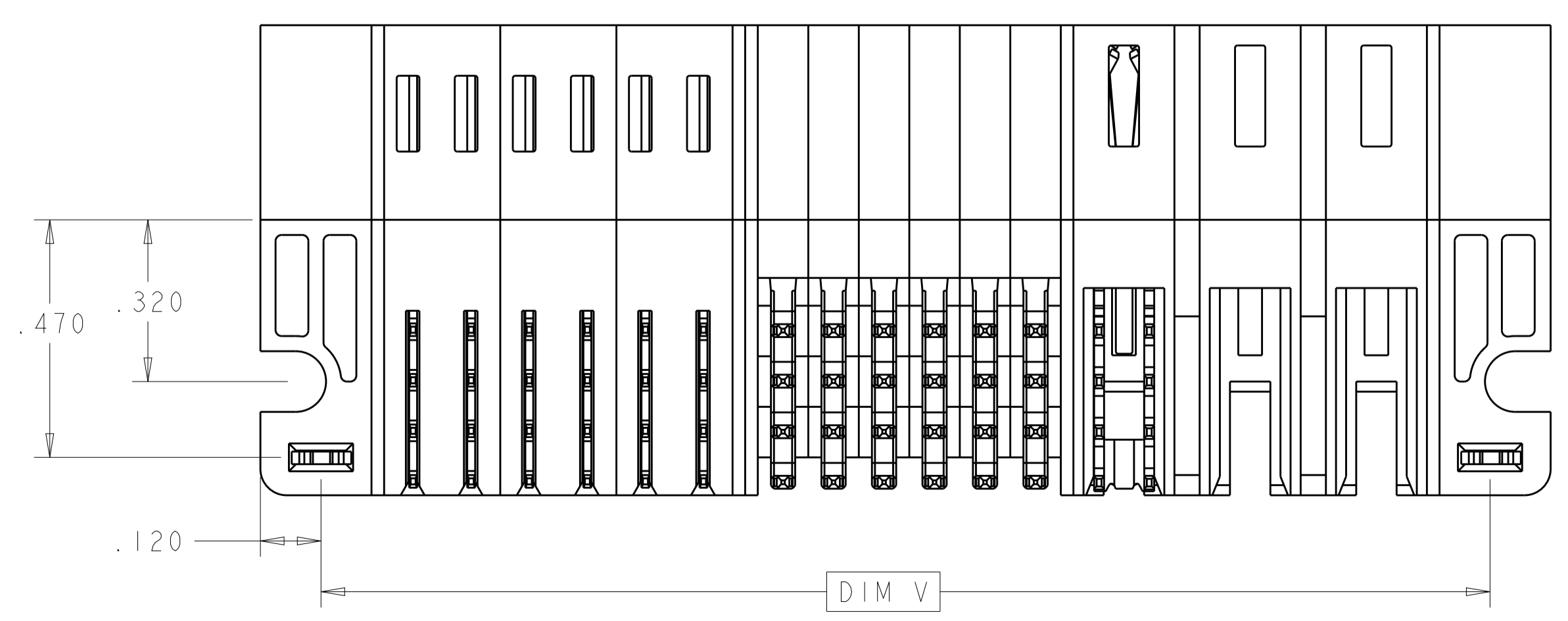
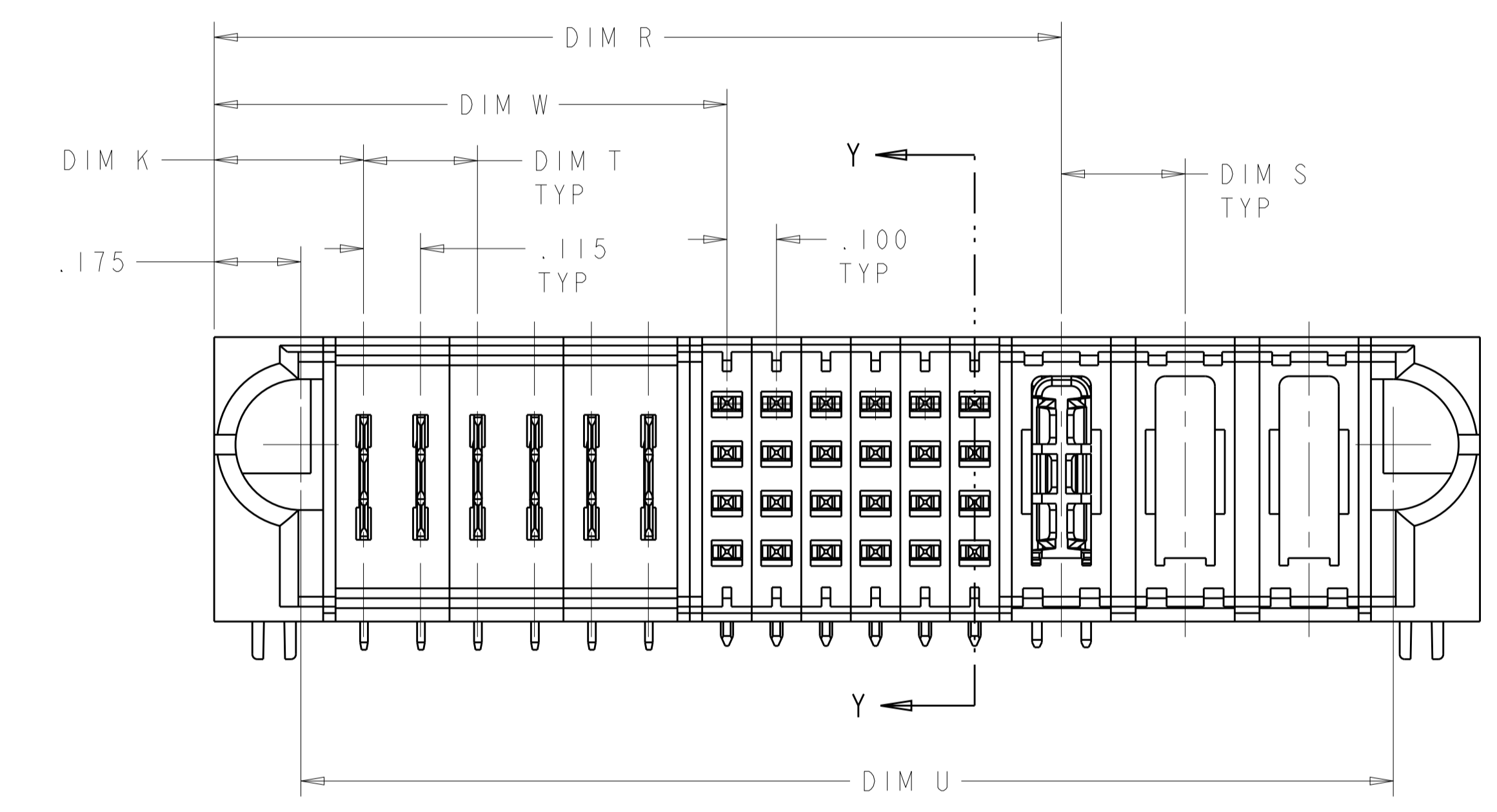
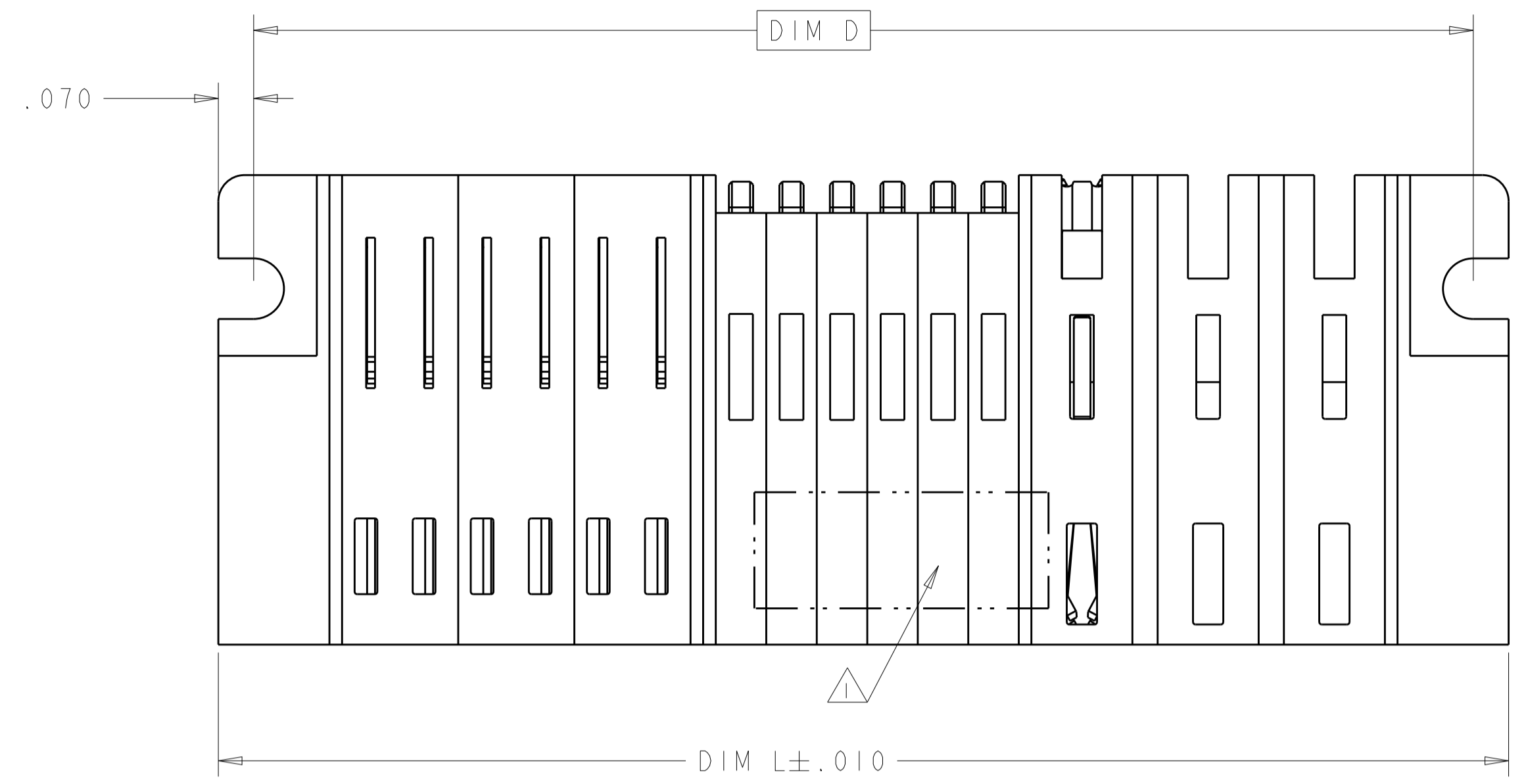
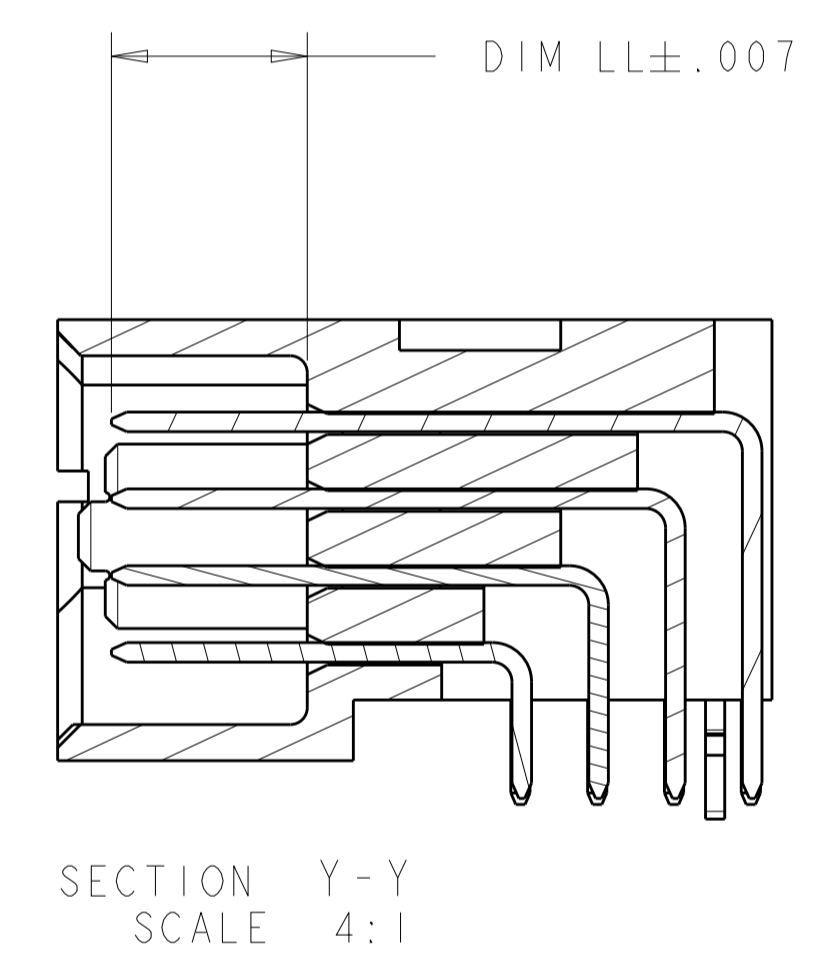
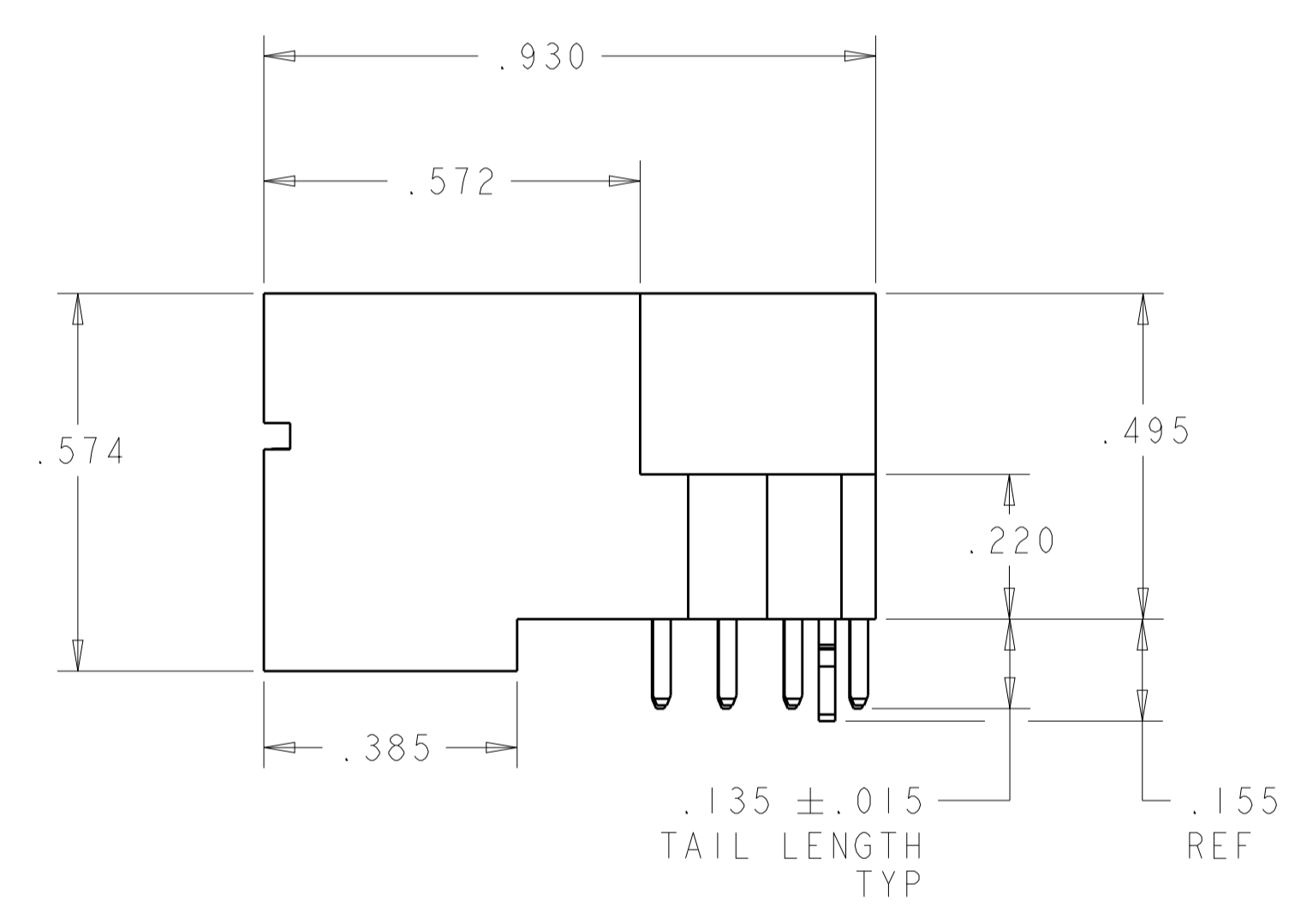


| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------------------|-----------|-----|------|
| | | P | LTN | DESCRIPTION | DATE | DWN | APVD |
| ES | 00 | R9 | | REVISED 8-1 | 05NOV2014 | CZ | SZ |
| | | S | | ADD NEW DASH NUMBER 8-2 | 07FEB2015 | CZ | SZ |
| | | S2 | | REVISED 8-2 CUSTOMER | 09MAR2015 | CZ | SZ |



- 1 "AMP", PART NUMBER AND DATE CODE 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, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 6 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 7 PCB - 0.0453 ± .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 ± .030 HOLE
- 8 VARIABLE DIMENSIONS SHOW ON TABLE OR PART VIEW
- 9 REFER TO PAGE 10 FOR DETAIL DIMENTIONS.



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|-----------------------|---|--|---|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7° | DWN S. ZHAO 10APR2007 CHK S. ZHAO 10APR2007 APVD S. ZHAO | NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| MATERIAL: 2 | FINISH: 3 | PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT | SIZE CAGE CODE DRAWING NO RESTRICTED TO A100779C=6450830 |
| CUSTOMER DRAWING | | SCALE 4:1 | SHEET 1 OF 42 REV S2 |

4805 (3/11)

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

| 2.100 | 1.495 | 1.020 | 1.990 | 0.250 | 0.250 | 2.200 | 2.340 | .3450 | 3P + 16S + 3P | 7-6450830-3 |
|-------|--------|-------|-------|-------|-------|-------|--------|-------|-----------------------|-------------|
| 1.000 | .895 | .570 | .890 | - | - | 1.100 | 1.240 | .345 | 1P + 8S + 1P | 7-6450830-2 |
| 4.750 | 3.645 | 3.070 | 4.640 | .250 | △ | 4.850 | 4.990 | .370 | 3ACP + 7P + 20S + 5P | 7-6450830-1 |
| 3.850 | 3.4675 | 1.010 | 3.740 | .230 | .230 | 3.950 | 4.090 | .2775 | 6LP + 96S + 4LP | 7-6450830-0 |
| 3.850 | 3.4675 | 1.010 | 3.740 | .230 | .230 | 3.950 | 4.090 | .2775 | 6LP + 96S + 4LP | 6-6450830-9 |
| 2.420 | 2.0375 | .780 | 2.310 | .230 | .230 | 2.520 | 2.660 | .2775 | 4LP + 48S + 4LP | 6-6450830-8 |
| 5.400 | 4.5575 | 1.700 | 5.290 | .230 | .230 | 5.500 | 5.640 | .2775 | 12LP + 112S + 8LP | 6-6450830-7 |
| 2.860 | 2.4775 | 1.820 | 2.750 | .230 | .300 | 2.960 | 3.100 | .370 | 5ACP + 24S + 4LP | 6-6450830-6 |
| 2.225 | 1.620 | 1.045 | 2.115 | .250 | .250 | 2.325 | 2.465 | .345 | 3P + 20S + 3P | 6-6450830-4 |
| 3.600 | 2.895 | 1.795 | 3.490 | .300 | .250 | 3.700 | 3.840 | .345 | 6P + 40S + 3ACP | 6-6450830-3 |
| 3.030 | △ | 1.345 | △ | △ | △ | 3.130 | 3.270 | .345 | 5HDP + 24S + 1P + 7LP | 6-6450830-2 |
| 1.135 | .9825 | .550 | 1.025 | - | - | 1.235 | 1.375 | .2775 | 2LP + 16S + 2LP | 6-6450830-0 |
| 3.200 | 3.120 | 2.370 | 3.090 | - | .300 | 3.300 | 3.440 | .320 | 7ACP + 24S + 1P | 5-6450830-8 |
| 2.800 | 1.945 | 1.270 | 2.690 | .250 | .250 | 2.900 | 3.040 | .345 | 4P + 24S + 4P | 5-6450830-7 |
| 2.700 | 1.595 | 1.120 | 2.590 | .250 | .300 | 2.800 | 2.940 | .345 | 3ACP + 16S + 5P | 5-6450830-6 |
| 2.655 | 2.5025 | 2.145 | 2.545 | .115 | △ | 2.755 | 2.895 | .345 | 3ACP+3P+12S+2LP | 5-6450830-5 |
| 1.350 | 1.020 | .745 | 1.240 | .250 | .250 | 1.450 | 1.590 | .320 | 2P + 8S + 2P | 5-6450830-4 |
| 2.450 | 1.595 | 1.120 | 2.340 | .250 | .300 | 2.550 | 2.690 | .345 | 3ACP + 16S + 4P | 5-6450830-3 |
| 2.350 | 1.670 | 1.095 | 2.240 | .200 | .200 | 2.450 | 2.590 | .320 | 4HDP + 20S + 4HDP | 5-6450830-2 |
| 1.300 | 1.145 | .520 | 1.190 | - | - | 1.400 | 1.540 | .345 | 1P + 24S + 1P | 5-6450830-1 |
| 1.025 | .7575 | .550 | .915 | - | - | 1.125 | 1.265 | .2775 | 2LP + 8S + 3LP | 5-6450830-0 |
| 2.300 | 1.6950 | 1.020 | 2.190 | .250 | .250 | 2.400 | 2.540 | .3450 | 3P + 24S + 3P | 4-6450830-9 |
| 2.995 | 2.190 | 1.415 | 2.885 | .350 | .280 | 3.095 | 3.235 | .3025 | 8LP + 24S + 3P | 4-6450830-8 |
| 1.280 | .875 | .575 | 1.170 | .250 | - | 1.380 | 1.520 | .3015 | 2LP + 8S + 2P | 4-6450830-7 |
| 1.750 | 1.345 | .845 | 1.640 | .250 | .250 | 1.850 | 1.990 | .395 | 2P + 16S + 2P | 4-6450830-6 |
| 2.300 | 1.6950 | 1.020 | 2.190 | .250 | .250 | 2.400 | 2.540 | .3450 | 3P + 24S + 3P | 4-6450830-5 |
| 1.600 | 1.245 | .770 | 1.490 | .250 | .250 | 1.700 | 1.840 | .3450 | 2P + 16S + 2P | 4-6450830-4 |
| 6.100 | 2.195 | 1.845 | 5.990 | .250 | .375 | 6.200 | 6.340 | .395 | 4P + 12S + 16P | 4-6450830-3 |
| 2.500 | 1.645 | 1.270 | 2.390 | .250 | .250 | 2.600 | 2.740 | .3450 | 4P + 12S + 4P | 4-6450830-2 |
| 3.675 | 2.445 | 2.045 | 3.565 | .375 | .375 | 3.775 | 3.915 | .3450 | 5ACP + 12S + 4ACP | 3-6450830-8 |
| 1.190 | - | 1.060 | 1.080 | - | .230 | 1.290 | 1.430 | .3775 | 6LP + 8S | 3-6450830-7 |
| 1.920 | 1.0775 | .870 | 1.810 | - | .300 | 2.020 | 2.160 | .320 | 2ACP + 8S + 4LP | 3-6450830-6 |
| 2.195 | 1.465 | .865 | 2.085 | △ | .215 | 2.295 | 2.435 | .2775 | 3LP + 20S + 4HDP | 3-6450830-5 |
| 4.400 | 3.220 | 2.695 | 4.290 | △ | .300 | 4.500 | 4.640 | .3700 | 8ACP + 16S + 4ACP | 3-6450830-4 |
| 3.075 | 2.395 | 1.920 | 2.965 | △ | .300 | 3.175 | 3.3150 | .3700 | 4ACP + 12S + 3P | 3-6450830-3 |
| 3.075 | 2.395 | 1.920 | 2.965 | △ | .300 | 3.175 | 3.3150 | .3700 | 4ACP + 12S + 3P | 3-6450830-2 |
| .935 | .7825 | .550 | .825 | - | - | 1.035 | 1.175 | .2775 | 2LP + 8S + 2LP | 3-6450830-1 |
| 3.075 | 2.395 | 1.920 | 2.965 | △ | .300 | 3.175 | 3.3150 | .3700 | 4ACP + 12S + 3P | 3-6450830-0 |
| 2.160 | 1.7775 | 1.145 | 2.050 | - | .300 | 2.260 | 2.400 | .3450 | 3ACP + 24S + 4LP | 2-6450830-9 |
| 1.600 | 1.295 | .720 | 1.490 | .200 | .200 | 1.700 | 1.840 | .3450 | 2P + 20S + 2P | 2-6450830-8 |
| 1.500 | 1.195 | .720 | 1.390 | .200 | .200 | 1.600 | 1.740 | .3450 | 2P + 16S + 2P | 2-6450830-7 |
| 1.475 | 1.320 | .595 | 1.365 | - | - | 1.575 | 1.715 | .3700 | 1P + 24S + 1P | 2-6450830-6 |
| 2.100 | 1.795 | .720 | 1.990 | .200 | .200 | 2.200 | 2.340 | .3450 | 2P + 40S + 2P | 2-6450830-4 |
| 2.750 | 2.0450 | 1.270 | 2.640 | .300 | .250 | 2.850 | 2.990 | .3450 | 4P + 28S + 3ACP | 1-6450830-9 |
| 2.460 | 1.8575 | .625 | 2.350 | - | - | 2.560 | 2.700 | .1700 | 1P+2LP+48S+2LP+1P | 1-6450830-7 |
| △ | - | - | - | - | - | - | - | - | 4P+16S+24S+2HDP | 1-6450830-8 |
| 2.750 | 2.0450 | 1.270 | 2.640 | .300 | .250 | 2.850 | 2.990 | .3450 | 4P + 28S + 3ACP | 1-6450830-5 |
| 1.800 | 1.4450 | .770 | 1.690 | .250 | .250 | 1.900 | 2.040 | .3450 | 2P + 24S + 2P | 1-6450830-4 |
| 2.375 | 1.520 | .845 | 2.265 | .250 | .300 | 2.475 | 2.615 | .3450 | 2ACP + 24S + 4P | 1-6450830-3 |
| 3.000 | 2.5025 | 1.945 | 2.890 | .230 | △ | 3.000 | 3.240 | .3200 | 8HDP + 20S + 5LP | 1-6450830-2 |
| 3.615 | 1.6850 | 1.010 | 3.505 | △ | .230 | 3.715 | 3.855 | .2775 | 6LP + 24S + 10P | 1-6450830-0 |
| 2.300 | 1.6950 | 1.020 | 2.190 | .250 | .250 | 2.400 | 2.540 | .3450 | 3P + 24S + 3P | 6450830-9 |
| 2.480 | 2.3275 | 1.520 | 2.370 | - | .250 | 2.580 | 2.720 | .3450 | 5P + 32S + 2LP | 6450830-8 |
| 3.400 | 2.2950 | 1.570 | 3.290 | .250 | .250 | 3.500 | 3.640 | .3450 | 5P + 24S + 5P | 6450830-7 |
| 1.800 | 1.4450 | .770 | 1.690 | .250 | .250 | 1.900 | 2.040 | .3450 | 2P + 24S + 2P | 6450830-5 |
| 1.780 | 1.6025 | .770 | 1.670 | - | .250 | 1.880 | 2.020 | .3450 | 2P + 32S + 2LP | 6450830-4 |
| 2.310 | 1.6725 | 1.240 | 2.200 | .230 | .230 | 2.410 | 2.550 | .3025 | 8LP + 16S + 6LP | 6450830-3 |
| 2.315 | 1.7100 | 1.035 | 2.205 | .250 | .230 | 2.415 | 2.555 | .3025 | 6LP + 24S + 3P | 6450830-2 |
| .935 | .7825 | .550 | .825 | - | - | 1.035 | 1.175 | .2775 | 2LP + 8S + 2LP | 6450830-1 |
| DIM V | DIM R | DIM W | DIM U | DIM S | DIM T | DIM D | DIM L | DIM K | DESCRIPTION | PART NUMBER |

| 4.350 | 2.405 | 1.380 | 4.240 | △ | △ | 4.450 | 4.590 | .2775 | 9LP + 36S + 1P + 16LP | 8-6450830-2 |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-----------------------|-------------|
| 4.500 | 2.170 | .795 | 4.390 | △ | △ | 4.600 | 4.740 | .345 | 2P + 48S + 10P | 8-6450830-1 |
| 2.250 | 1.645 | 1.170 | 2.140 | .250 | .300 | 2.300 | 2.490 | .370 | 3ACP + 16S + 3P | 8-6450830-0 |
| 4.300 | 2.695 | 2.020 | 4.190 | .250 | .250 | 4.400 | 4.540 | .345 | 7P + 24S + 7P | 7-6450830-9 |
| 4.180 | 3.325 | 1.700 | 4.070 | .250 | .230 | 4.280 | 4.420 | .2775 | 12LP + 60S + 4P | 7-6450830-8 |
| 2.650 | 2.545 | 1.270 | 2.540 | - | .250 | 2.750 | 2.890 | .345 | 4P + 48S + 1P | 7-6450830-7 |
| 1.750 | 1.3675 | 1.060 | 1.755 | .230 | .230 | 1.850 | 1.990 | .2775 | 3LP + 12S + 4LP | 7-6450830-6 |
| DIM V | DIM R | DIM W | DIM U | DIM S | DIM T | DIM D | DIM L | DIM K | DESCRIPTION | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S. ZHAO 10APR2007
 CHK S. ZHAO 10APR2007

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| | |
|--------|--------|
| 0 PLC | ± |
| 1 PLC | ±.01 |
| 2 PLC | ±.01 |
| 3 PLC | ±.005 |
| 4 PLC | ±.002 |
| ANGLES | ±.0020 |

MATERIAL: FINISH:

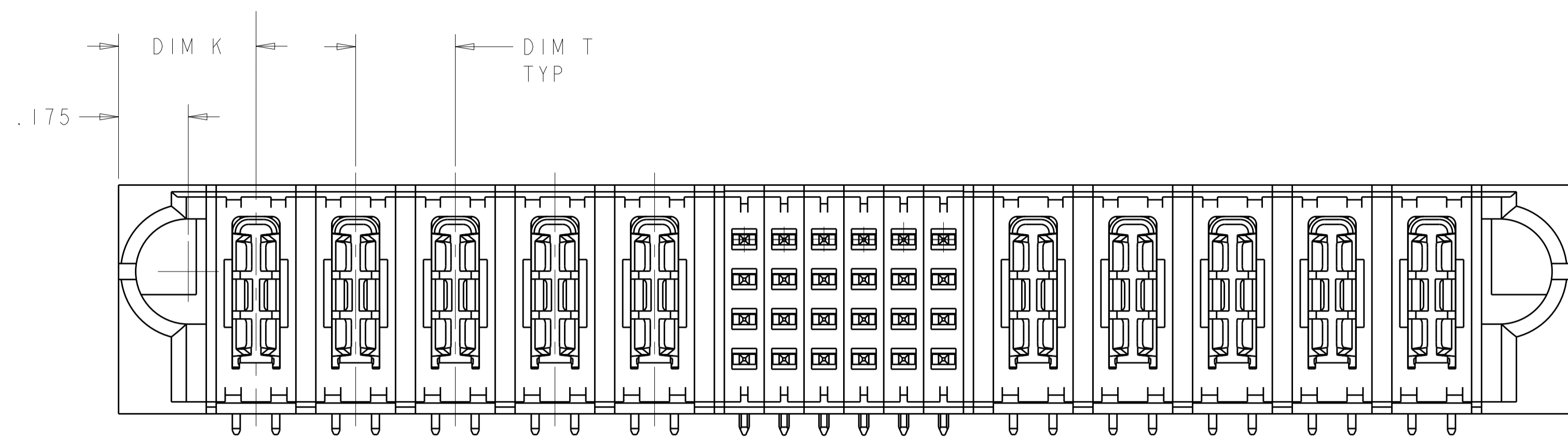
RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

PRODUCT SPEC 108-2292
 APPLICATION SPEC 114-13251

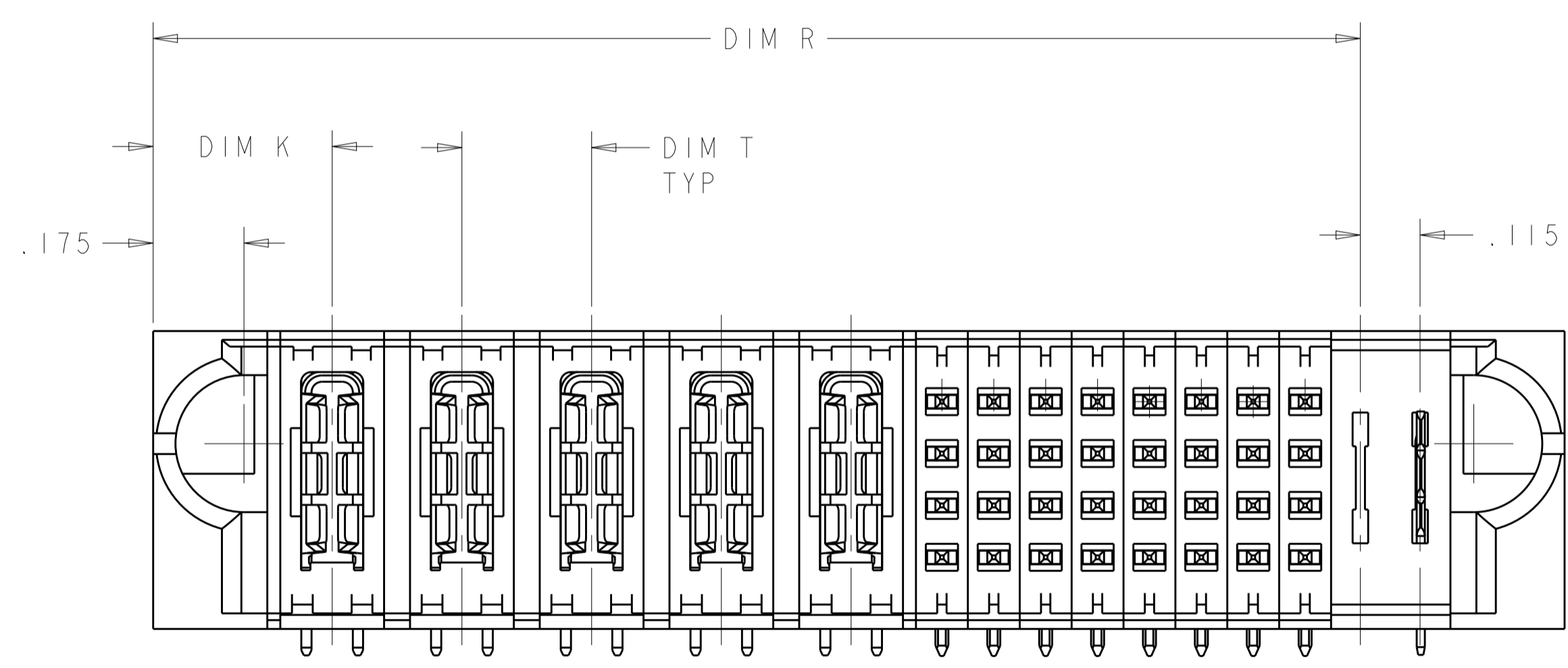
SIZE: A1 00779 C=6450830
 SCALE: 4:1 SHEET 2 OF 42 REV: S2

CUSTOMER DRAWING

| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-------------|------|-----|------|
| ES | 00 | P | LTN | DESCRIPTION | DATE | DMN | APVD |
| | | - | | SEE SHEET 1 | - | - | - |



FOR "P+S+P" CONFIGURATION
 UNSPECIFY DIMENSIONS PLEASE REFER TO PAGE 1



FOR "P+S+LP" CONFIGURATION
 UNSPECIFY DIMENSIONS PLEASE REFER TO PAGE 1

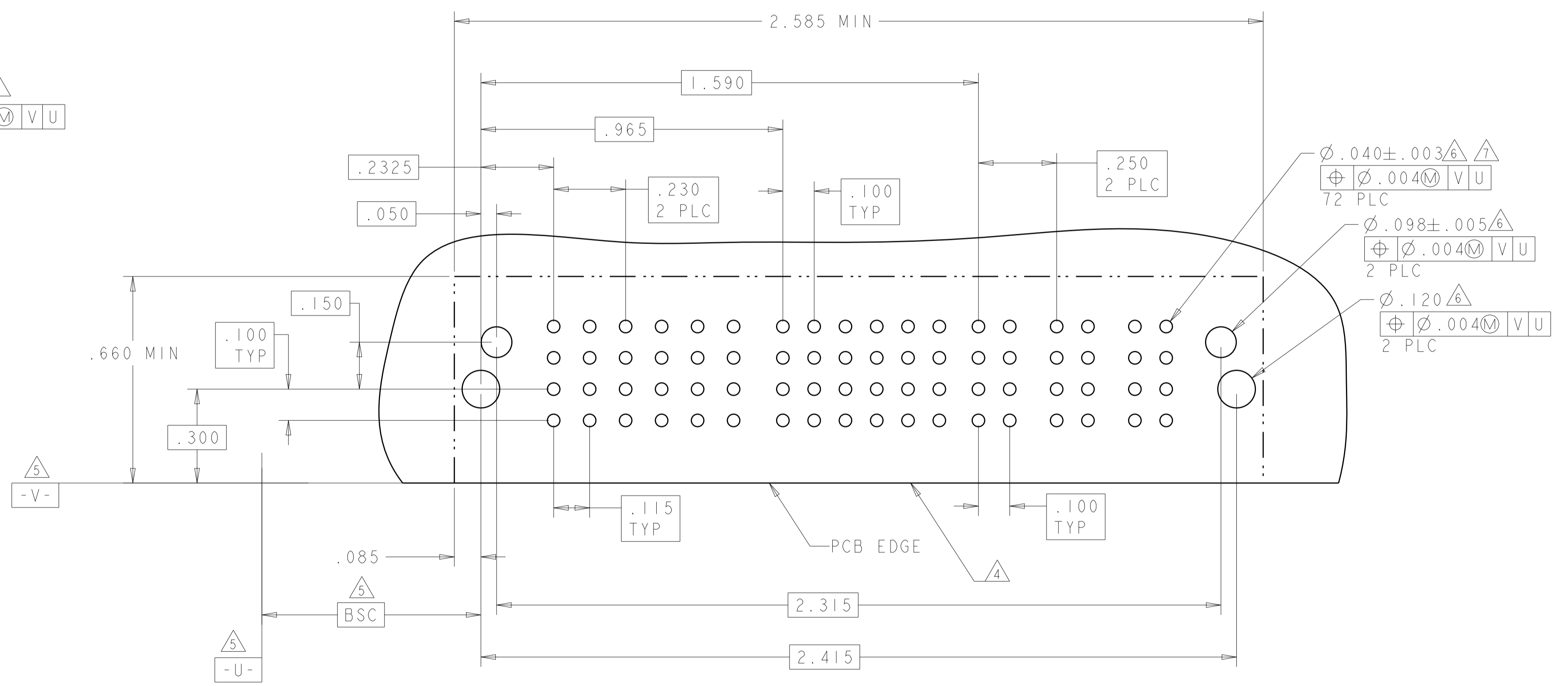
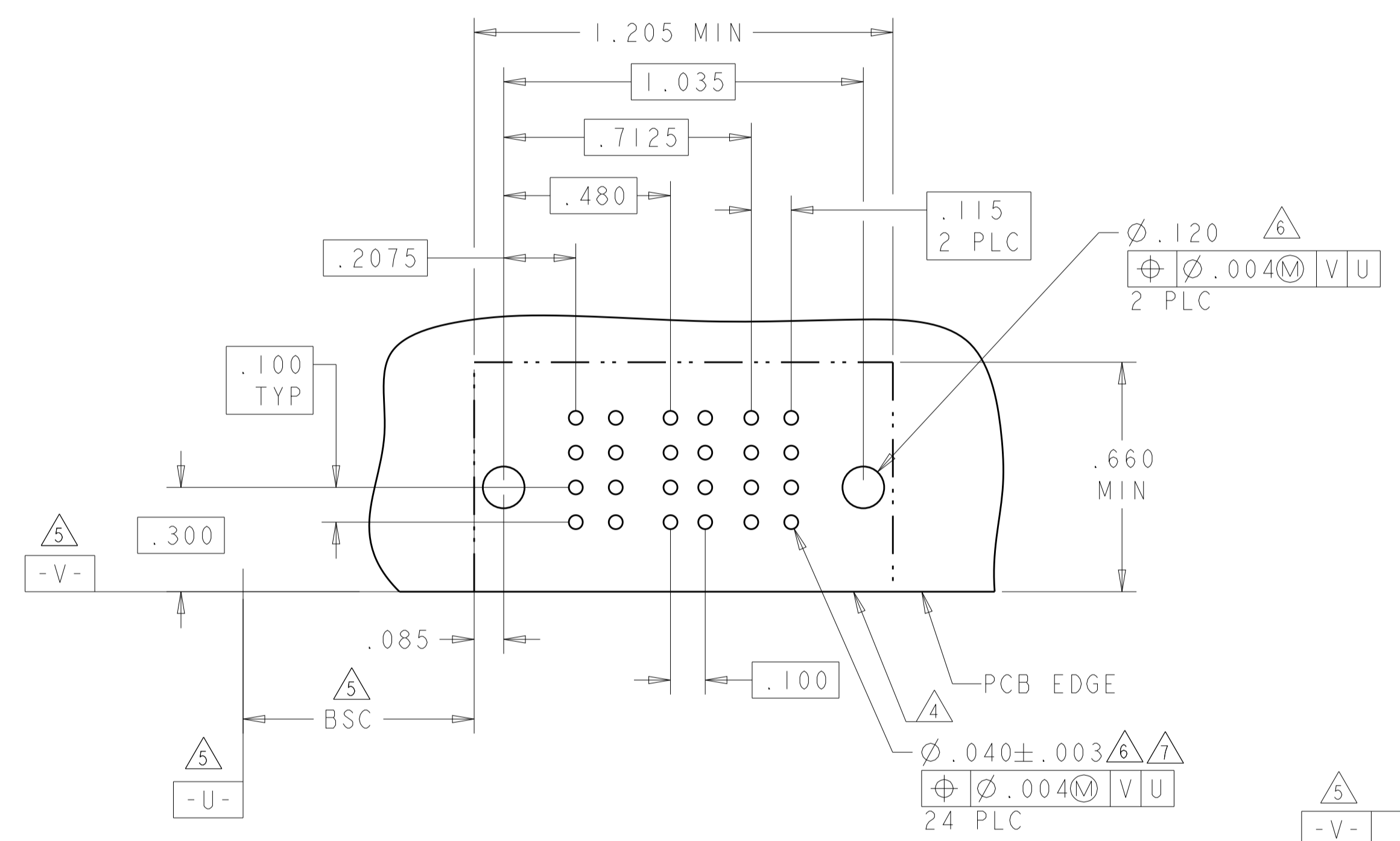
| DESCRIPTION | IDENTIFIER |
|---|------------|
| HOLD DOWN | HD |
| .135 SIGNAL CON, ROW D,MFBL LL=.304 | FJ |
| .135 SIGNAL CON, ROW C,MFBL LL=.304 | FK |
| .135 SIGNAL CON, ROW B,MFBL LL=.304 | FN |
| .135 SIGNAL CON, ROW A,MFBL LL=.304 | FS |
| .135 SIGNAL CON, ROW D,MLBF LL=.204 | E |
| .135 SIGNAL CON, ROW C,MLBF LL=.204 | F |
| .135 SIGNAL CON, ROW B,MLBF LL=.204 | G |
| .135 SIGNAL CON, ROW A,MLBF LL=.204 | H |
| .135 SIGNAL CON, ROW D,STANDARD LL=.254 | J |
| .135 SIGNAL CON, ROW C,STANDARD LL=.254 | K |
| .135 SIGNAL CON, ROW B,STANDARD LL=.254 | N |
| .135 SIGNAL CON, ROW A,STANDARD LL=.254 | S |
| .135 STANDARD POWER CON,3 BEAMS | TM |
| .135 SOLDER LOWER POWER,MFBL | LMF |
| .135 SOLDER LOWER POWER,STD | LM |
| .135 SOLDER LOWER POWER,MLBF | LML |

| | | | |
|--|-------------|----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN S.ZHAO 10APR2007 | TE Connectivity NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| DIMENSIONS: INCHES | | CHK S.ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S.ZHAO | SIZE CAGE CODE DRAWING NO RESTRICTED TO |
| 0 PLC ±. | 1 PLC ±.01 | PRODUCT SPEC 108-2292 | A100779C=6450830 |
| 2 PLC ±.01 | 3 PLC ±.005 | APPLICATION SPEC 114-13251 | SCALE 4:1 SHEET 3 OF 42 REV S2 |
| 4 PLC ±.0020 | ANGLES ±.7° | WEIGHT | CUSTOMER DRAWING |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | OWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | SIGNAL | | POWER | |
|----------------|------------------|-------|----|--------|---|-------|----|
| | | P1 | P2 | 1 | 2 | P3 | P4 |
| | | LM | LM | J | J | LM | LM |
| 6450830-1 | D C B A | LM | LM | K | K | LM | LM |
| | | N | N | N | N | | |
| | | S | S | S | S | | |
| 2LP + 8S + 2LP | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | | | | | POWER | | |
|----------------|------------------|-------|-----|-----|-----|-----|-----|--------|---|---|---|---|---|-------|----|----|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 |
| | | LM | LM | LM | LM | LM | LM | J | J | J | J | J | J | J | TM | TM |
| 6450830-2 | D C B A | LM | LM | LM | LM | LM | LM | K | K | K | K | K | K | TM | TM | TM |
| | | N | N | N | N | N | N | N | N | N | N | N | | | | |
| | | S | S | S | S | S | S | S | S | S | S | S | | | | |
| 6LP + 24S + 3P | | | | | | | | | | | | | | | | |



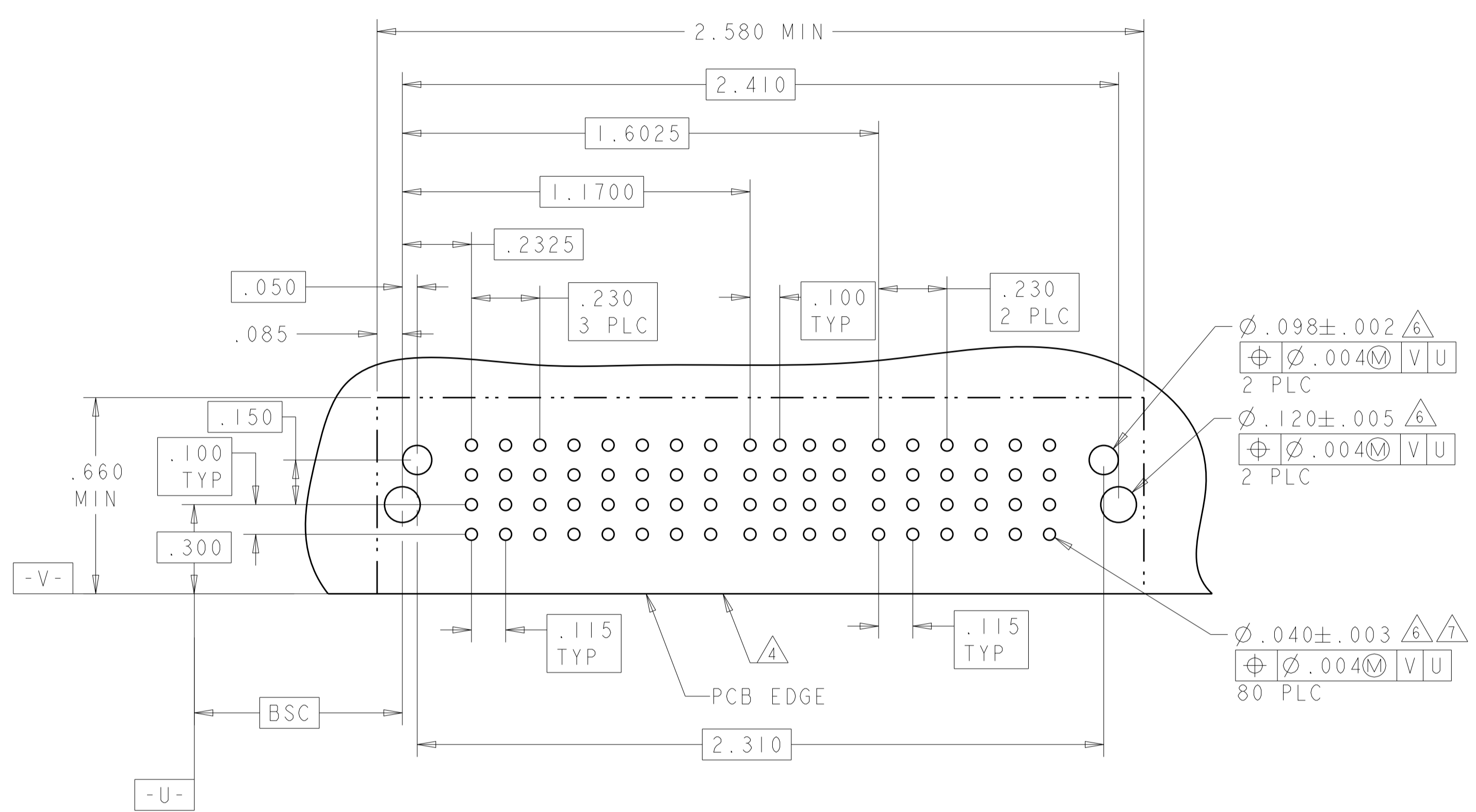
THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | |
|-----------------------|--|-----------------------------|---|---|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.005 3 PLC ±.0020 ANGLES ±.2° | FINISH | OWN: S. ZHAO 10APR2007 CHK: S. ZHAO 10APR2007 APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| MATERIAL | PRODUCT SPEC: 108-2292 | APPLICATION SPEC: 114-13251 | WEIGHT | SIZE: A1 |
| CUSTOMER DRAWING | SCALE: 4:1 | SHEET: 4 OF 42 | REV: S2 | |

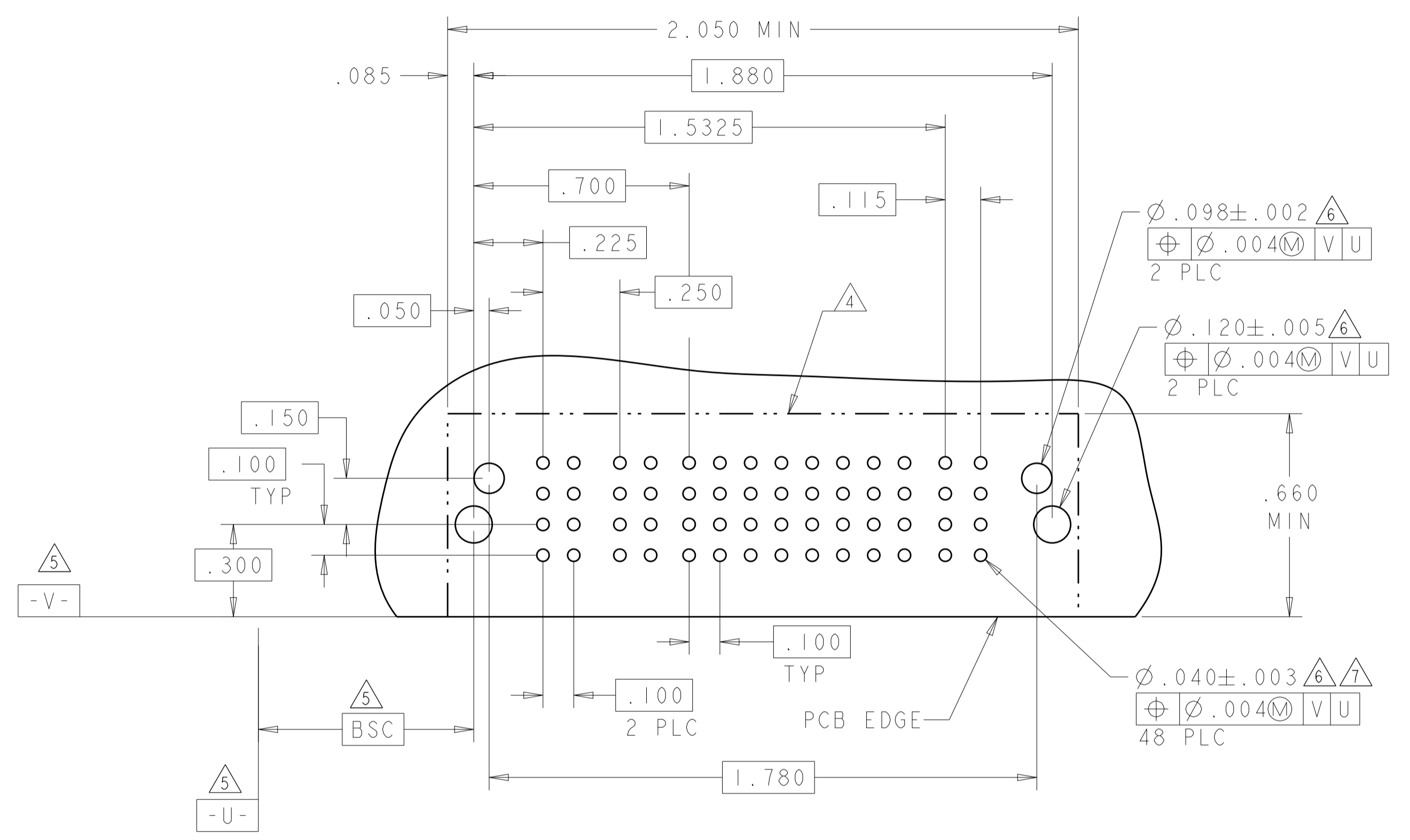
4805 (3/11)

| LOC | | DIST | | REVISIONS | | | |
|-----|--|------|--|-----------|-------------|----|------|
| ES | | 00 | | REV | DATE | BY | APPR |
| | | | | 1 | SEE SHEET 1 | - | - |

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | POWER | | | | | |
|-------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|--------|---|---|---|-------|------|------|------|------|------|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | LP8 | 1 | 2 | 3 | 4 | LP9 | LP10 | LP11 | LP12 | LP13 | LP14 |
| 6450830-3 | D C B A | LM | LM | LM | LM | LM | LM | LM | LM | J | J | J | J | LM | LM | LM | LM | LM | LM |
| | | LM | LM | LM | LM | LM | LM | LM | LM | K | K | K | K | LM | LM | LM | LM | LM | LM |
| | | LM | LM | LM | LM | LM | LM | LM | LM | N | N | N | N | LM | LM | LM | LM | LM | LM |
| | | 8LP + 16S + 6LP | | | | | | | | | | | | | | | | | |



| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | | | POWER | |
|-------------|------------------|----------------|----|--------|---|---|---|---|---|---|---|-------|-----|
| | | PI | P2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | LP1 | LP2 |
| 6450830-4 | D C B A | TM | TM | J | J | J | J | J | J | J | J | LM | LM |
| | | TM | TM | K | K | K | K | K | K | K | K | LM | LM |
| | | TM | TM | N | N | N | N | N | N | N | N | LM | LM |
| | | 2P + 32S + 2LP | | | | | | | | | | | |



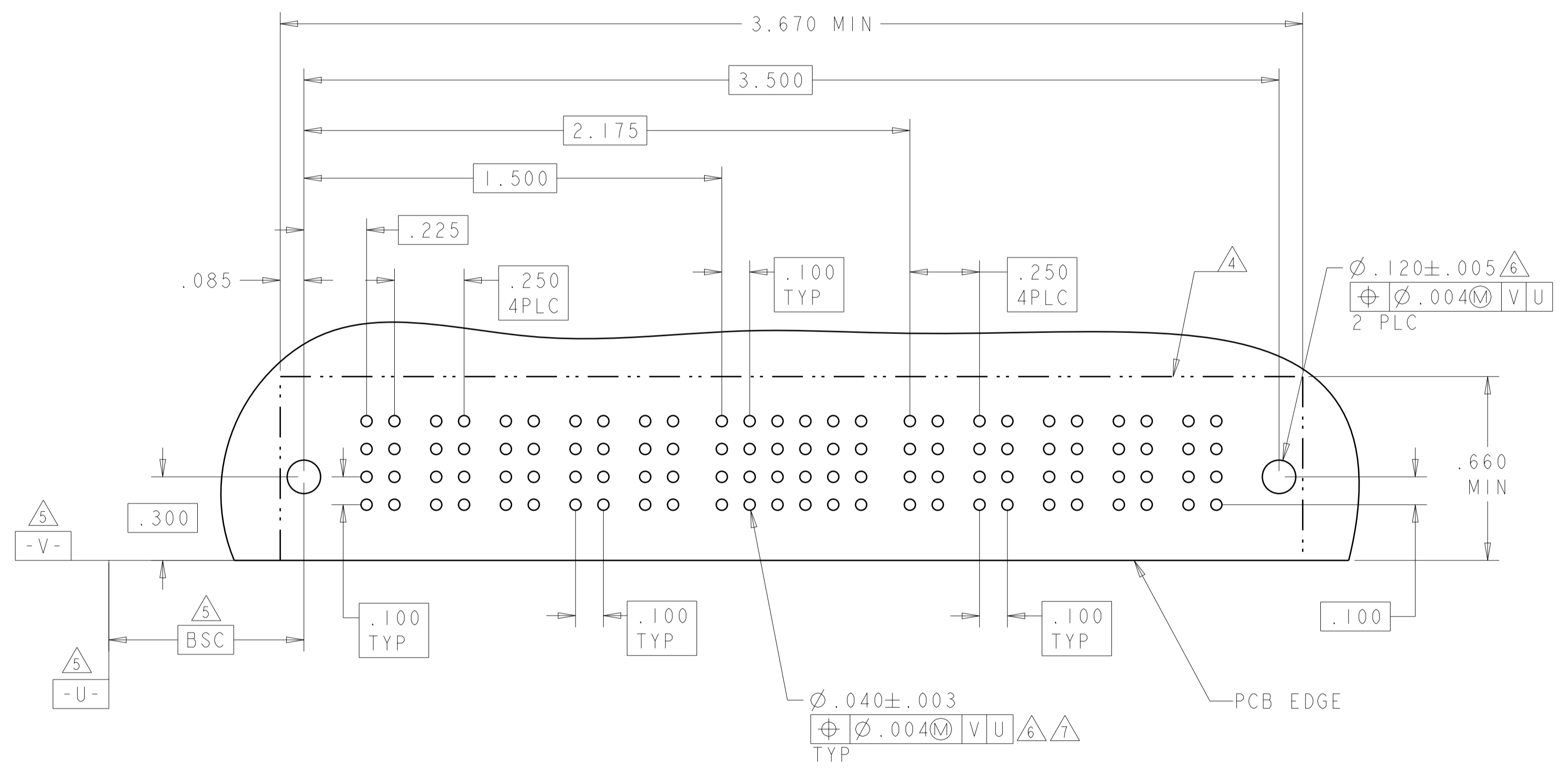
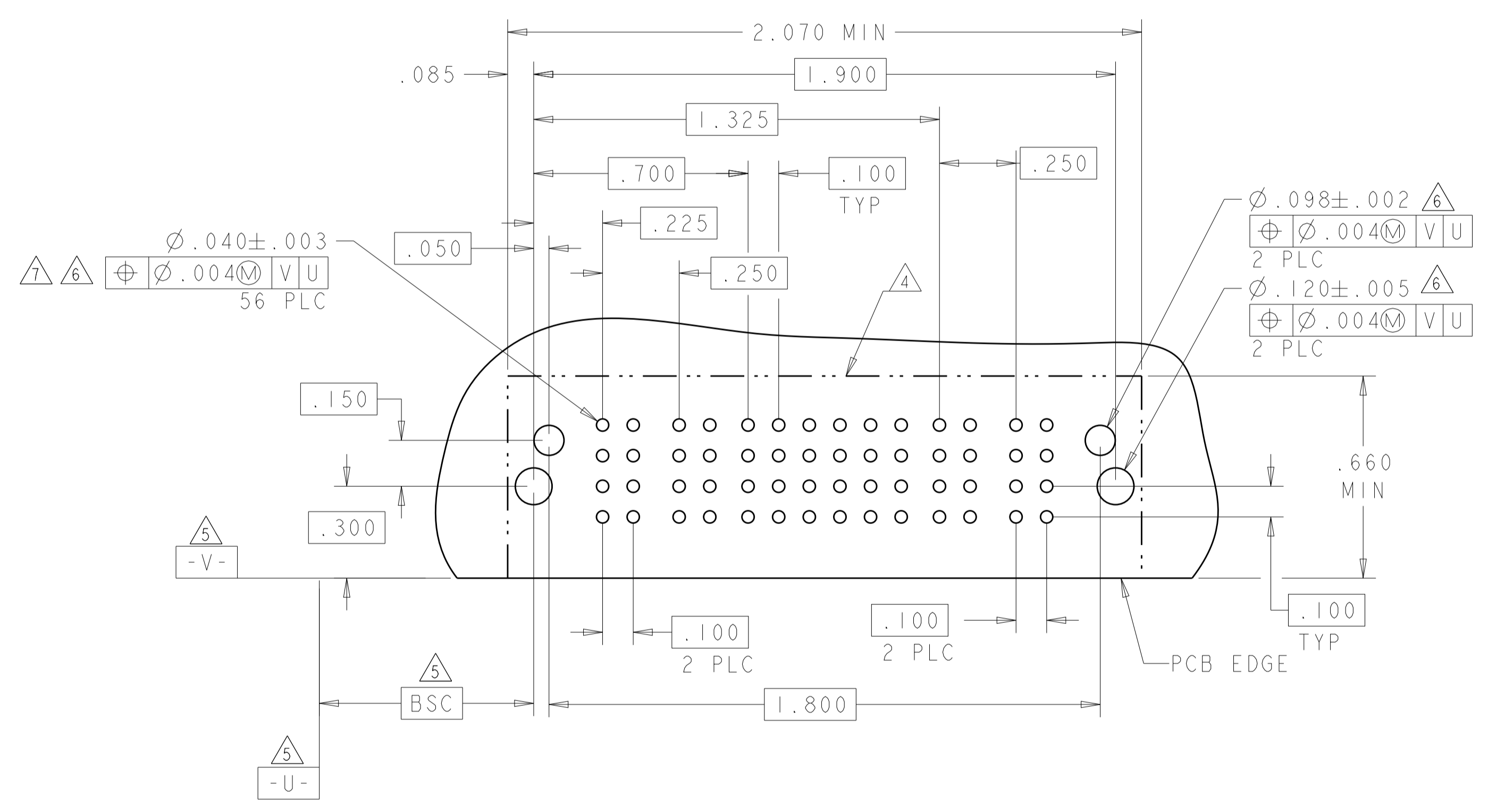
| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | MATERIAL: | | FINISH: | | WEIGHT: | | SCALE: | | SHEET: | | REV: | |
|-------------|--|--|--|-----------|--|---------|--|---------|--|--------|--|---------|--|------|--|
| INCHES | | 0 PLC ± .010 | | - | | - | | - | | 4:1 | | 5 of 42 | | S2 | |

| | | | | | | | | | | | | | |
|--|--|--|--|-----------------------|--|-----------------------|--|--------------|--|--|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | | | DWG: S.ZHAO 10APR2007 | | CHK: S.ZHAO 10APR2007 | | APPR: S.ZHAO | | TE Connectivity NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251 SIZE: A1 00779 CAGE CODE: 6450830 CUSTOMER DRAWING SCALE: 4:1 SHEET: 5 OF 42 REV: S2 | | | |
|--|--|--|--|-----------------------|--|-----------------------|--|--------------|--|--|--|--|--|

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DMN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | POWER | | |
|---------------|------|-------|----|--------|---|---|---|---|---|-------|----|----|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | P3 | P4 | |
| 6450830-5 | D | TM | TM | J | J | J | J | J | J | TM | TM | HD |
| | C | | | K | K | K | K | K | K | | | |
| | B | | | N | N | N | N | N | N | | | |
| | A | | | S | S | S | S | S | S | | | |
| 2P + 24S + 2P | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | SIGNAL | | | | | | POWER | | | | |
|---------------|------|-------|----|----|----|----|--------|---|---|---|---|---|-------|----|----|----|-----|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | P6 | P7 | P8 | P9 | P10 |
| 6450830-7 | D | TM | TM | TM | TM | TM | J | J | J | J | J | J | TM | TM | TM | TM | TM |
| | C | | | | | | K | K | K | K | K | K | | | | | |
| | B | | | | | | N | N | N | N | N | N | | | | | |
| | A | | | | | | S | S | S | S | S | S | | | | | |
| 5P + 24S + 5P | | | | | | | | | | | | | | | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|-------------|--|----------------------|---|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DMN S.ZHAO 10APR2007 | TE Connectivity |
| INCHES | 0 PLC ± .01 | CHK S.ZHAO 10APR2007 | |
| | 1 PLC ± .01 | APVD S.ZHAO | |
| | 2 PLC ± .01 | NAME | |
| | 3 PLC ± .005 | PRODUCT SPEC | RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| | 4 PLC ± .0020 | APPLICATION SPEC | SIZE CAGE CODE DRAWING NO RESTRICTED TO |
| | ANGLES ± .020 | 114-13251 | A100779C=6450830 |
| MATERIAL | FINISH | WEIGHT | SCALE 4:1 SHEET 6 OF 42 REV S2 |
| | | CUSTOMER DRAWING | |

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

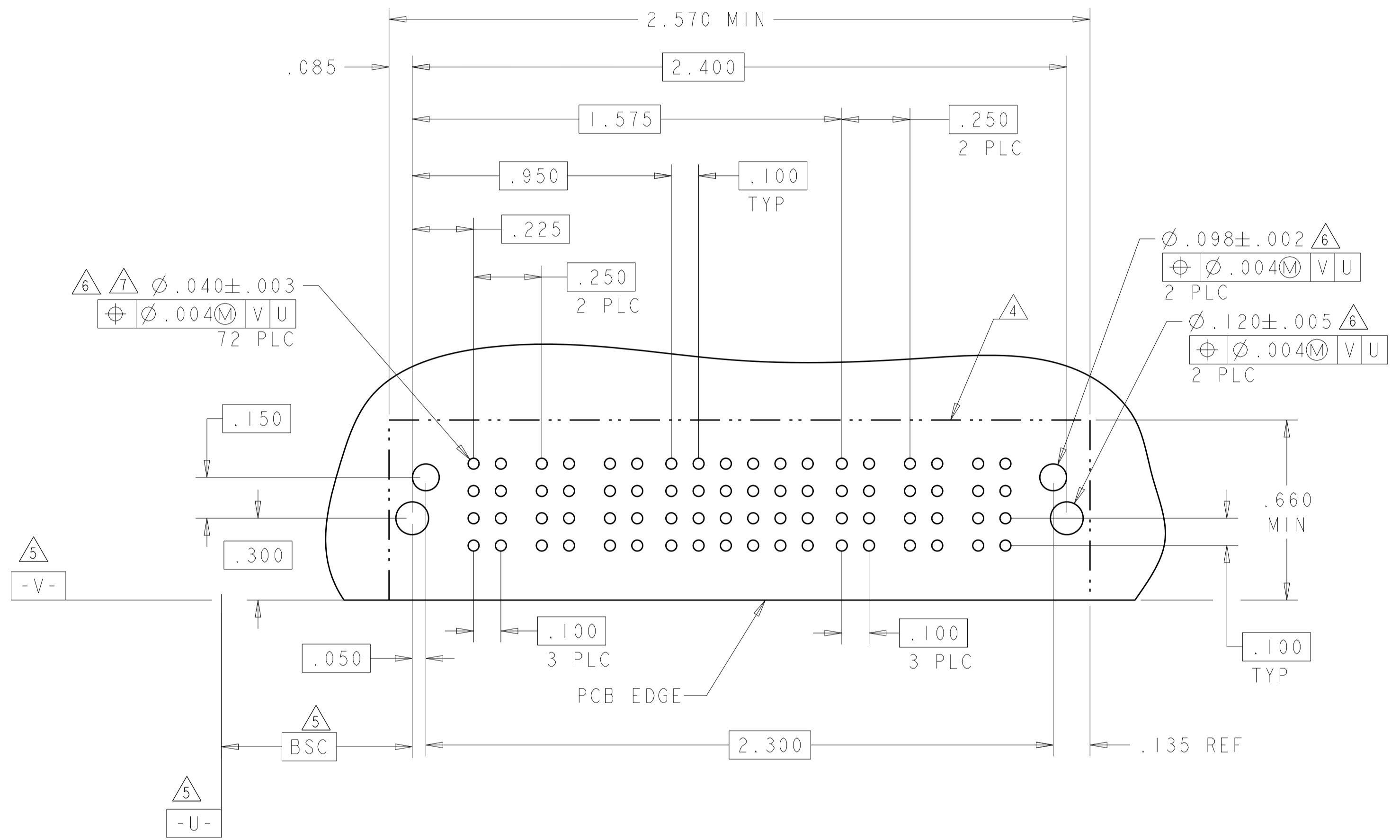
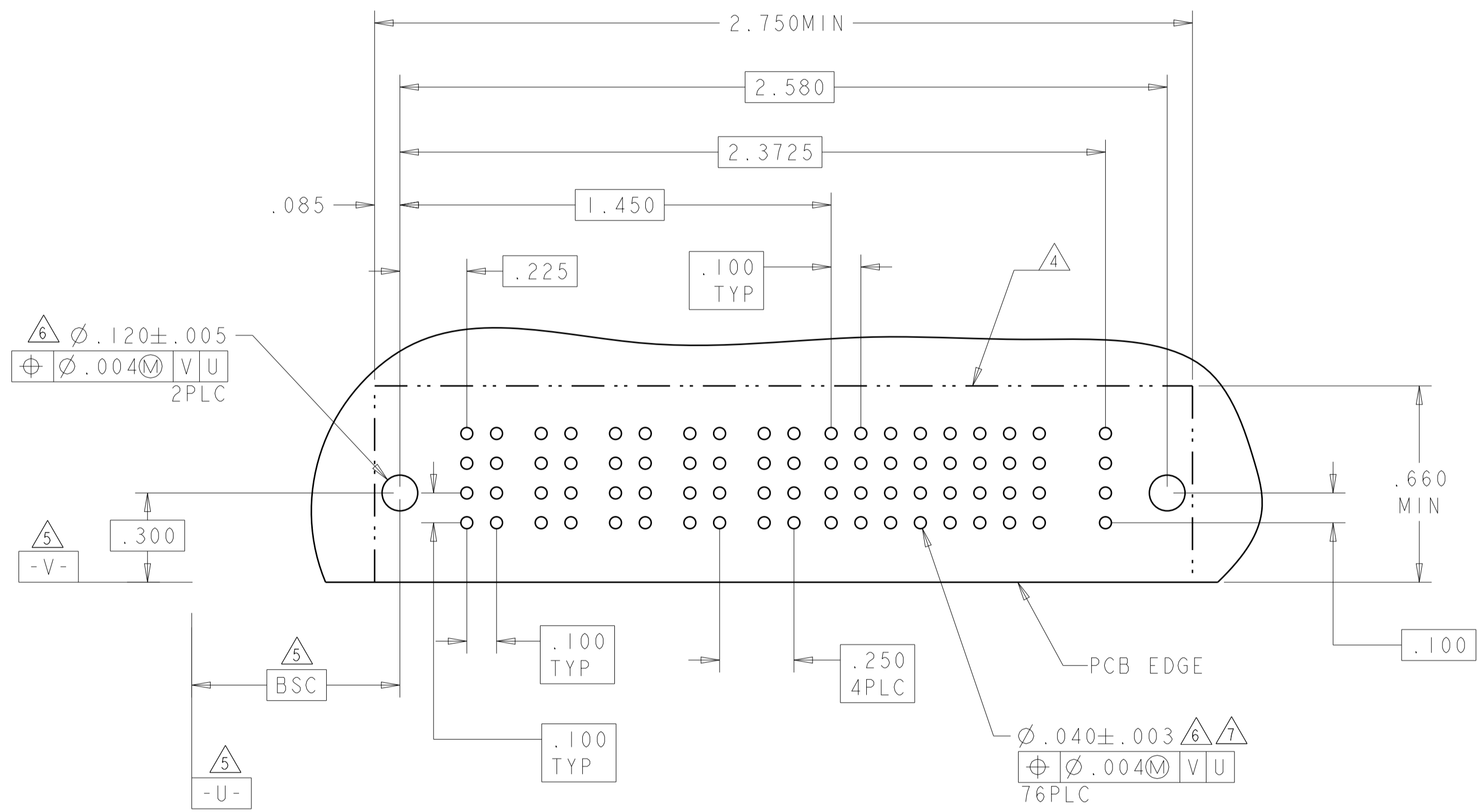
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|-------------|------|-------|----|----|----|----|--------|---|---|---|---|---|-------|---|----|----|---|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | 5 | 6 | P6 | P7 | |
| 6450830-8 | D | TM | TM | TM | TM | TM | J | J | J | J | J | J | J | J | LM | | |
| | C | | | | | | K | K | K | K | K | K | K | K | | | |
| | B | | | | | | N | N | N | N | N | N | N | N | | | N |
| | A | | | | | | S | S | S | S | S | S | S | S | | | S |

5P + 32S + 2LP

NO CONTACT LOADED

| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | | POWER | | |
|-------------|------|-------|----|----|--------|---|---|---|---|---|-------|----|----|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | P4 | P5 | P6 |
| 6450830-9 | D | TM | TM | TM | J | J | J | J | J | J | TM | TM | TM |
| | C | | | | K | K | K | K | K | K | | | |
| | B | | | | N | N | N | N | N | N | | | |
| | A | | | | S | S | S | S | S | S | | | |

3P + 24S + 3P

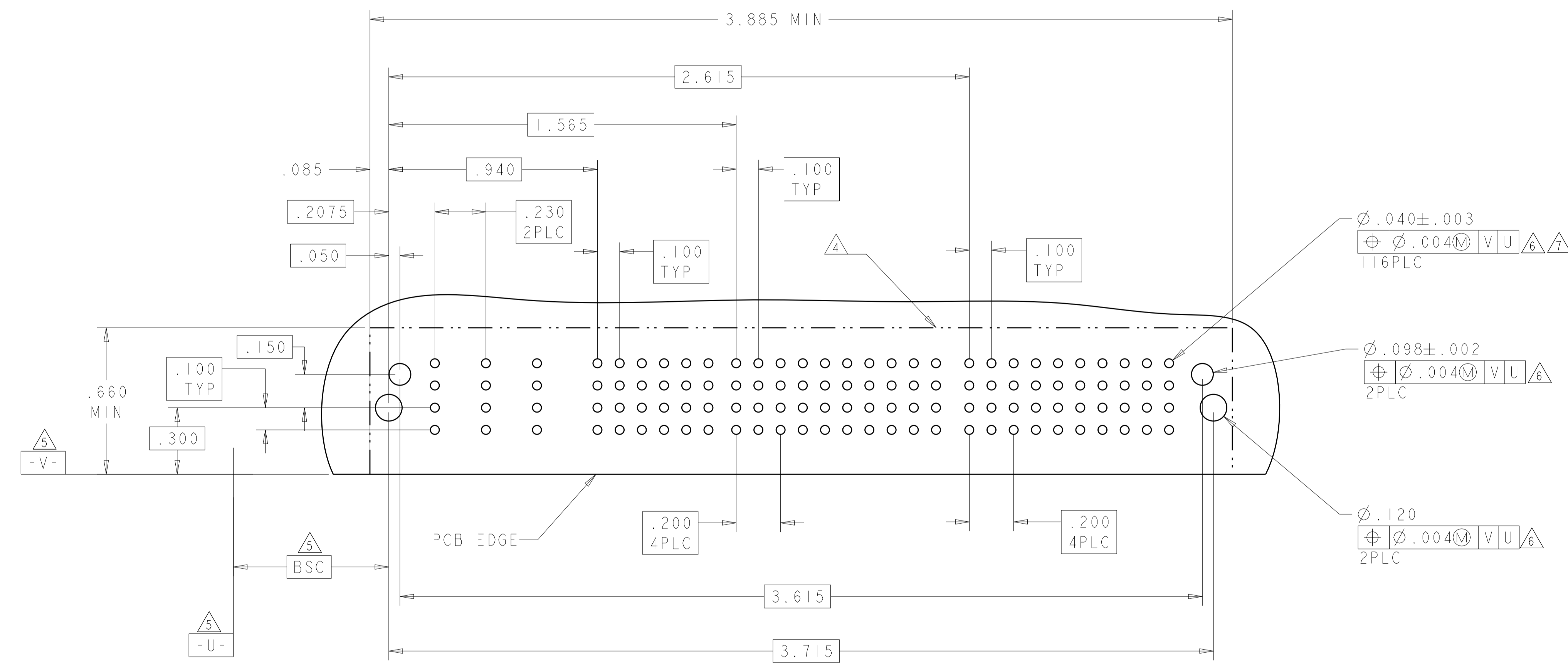


| | | | |
|--|--|-----------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S. ZHAO | NAME |
| 0 PLC ± | | PRODUCT SPEC | RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 1 PLC ±.01 | | APPLICATION SPEC | SIZE CAGE CODE DRAWING NO |
| 2 PLC ±.01 | | 114-13251 | RESTRICTED TO |
| 3 PLC ±.005 | | WEIGHT | A100779C=6450830 |
| 4 PLC ±.0020 | | CUSTOMER DRAWING | SCALE 4:1 SHEET 7 OF 42 REV S2 |
| ANGLES ±.020 | | | |
| FINISH | | | |

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

| PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | | | | | POWER | | | | | | | | | | | |
|-------------|------|-------|-----|-----|-----|-----|-----|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|----|-----|----|--|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | | |
| I-6450830-0 | D | | | | | | | J | J | J | J | J | J | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | |
| | C | | | | | | | K | K | K | K | K | K | | | | | | | | | | | | |
| | B | | | | | | | N | N | N | N | N | N | | | | | | | | | | | | |
| A | | | | | | | | S | S | S | S | S | S | | | | | | | | | | | | |
| | | HD | | HD | | | | | | | | | | | | | | | | | | | | HD | |

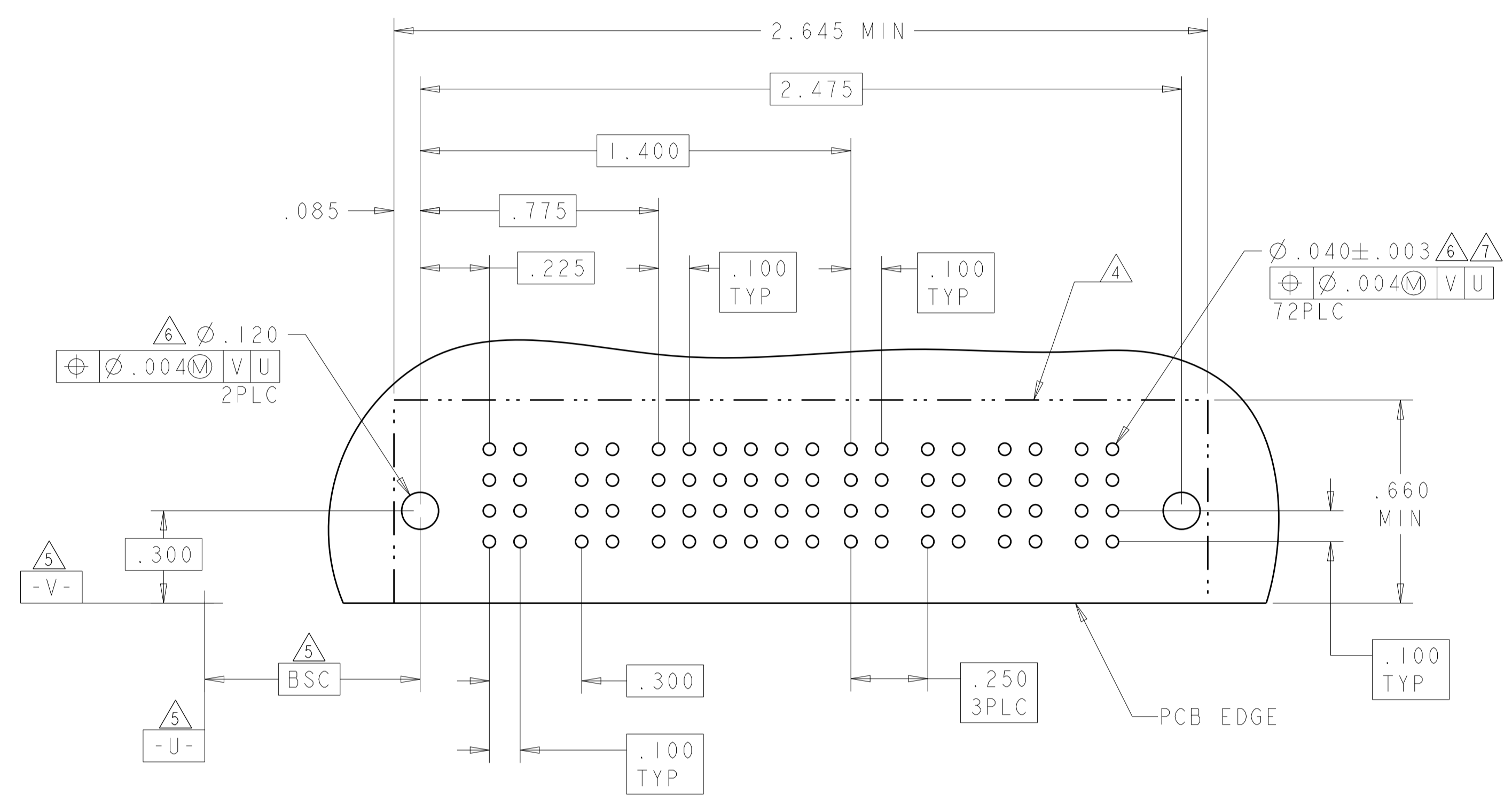
6LP + 24S + 10P
 NO CONTACTS LOADED



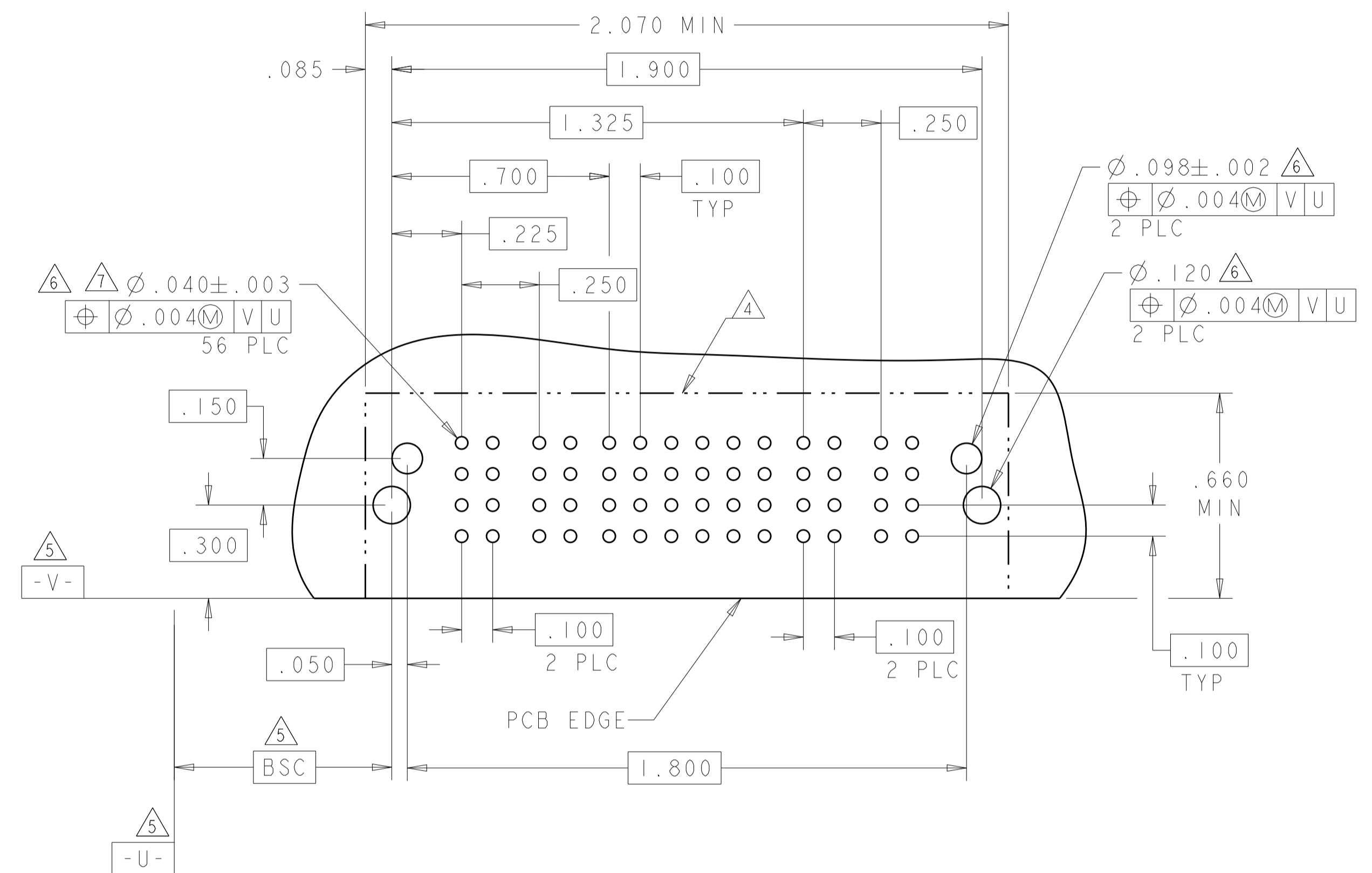
| | | | |
|---|---------|--|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | |
| 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2° | | NAME: PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 | |
| MATERIAL: | FINISH: | WEIGHT: | RESTRICTED TO: A1 00779C=6450830 |
| CUSTOMER DRAWING | | SCALE: 4:1 | SHEET 8 OF 42 REV: S2 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|-------------|----|------|
| ES | 00 | REV | DATE | BY | APPV |
| | | 1 | SEE SHEET 1 | | |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | POWER | | | |
|-----------------|------|-------|----|--------|---|---|---|---|---|-------|----|----|----|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | P3 | P4 | P5 | P6 |
| I-6450830-3 | D | TM | TM | J | J | J | J | J | J | TM | TM | TM | TM |
| | C | | | K | K | K | K | K | K | | | | |
| | B | | | N | N | N | N | N | N | | | | |
| A | S | S | S | S | S | S | | | | | | | |
| 2ACP + 24S + 4P | | | | | | | | | | | | | |

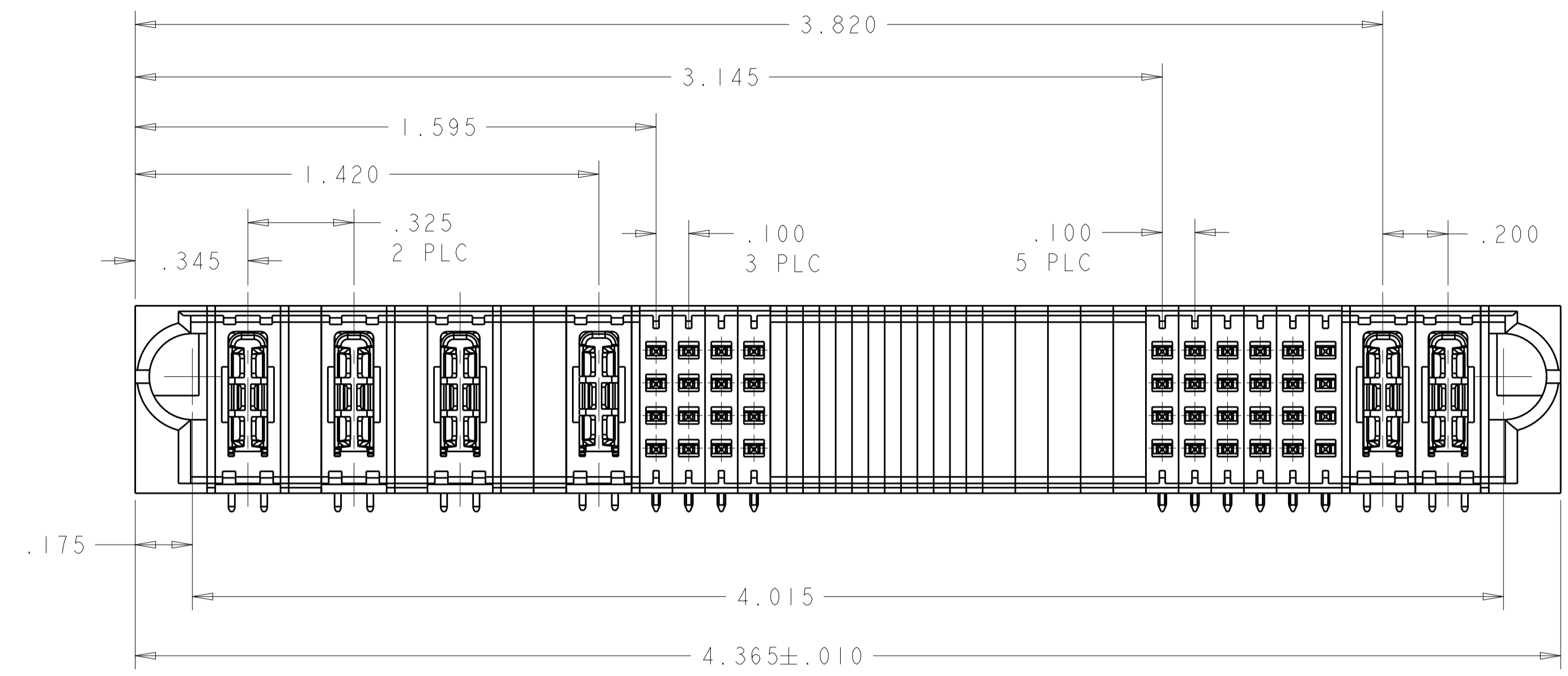


| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | POWER | | | |
|---------------|------|-------|----|--------|---|---|---|---|---|-------|----|----|----|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | P3 | P4 | | |
| I-6450830-4 | D | TM | TM | J | J | J | J | J | J | TM | TM | TM | TM |
| | C | | | K | K | K | K | K | K | | | | |
| | B | | | N | N | G | N | N | N | | | | |
| A | S | S | S | S | S | S | | | | | | | |
| 2P + 24S + 2P | | | | | | | | | | | | | |



| | | | |
|--|--|-----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° | | PRODUCT SPEC: 108-2292 | SIZE: A100779 |
| MATERIAL: - | | APPLICATION SPEC: 114-13251 | CAGE CODE: C=6450830 |
| FINISH: - | | WEIGHT: - | RESTRICTED TO: - |
| CUSTOMER DRAWING | | SCALE: 4:1 | SHEET 9 OF 42 REV: S2 |

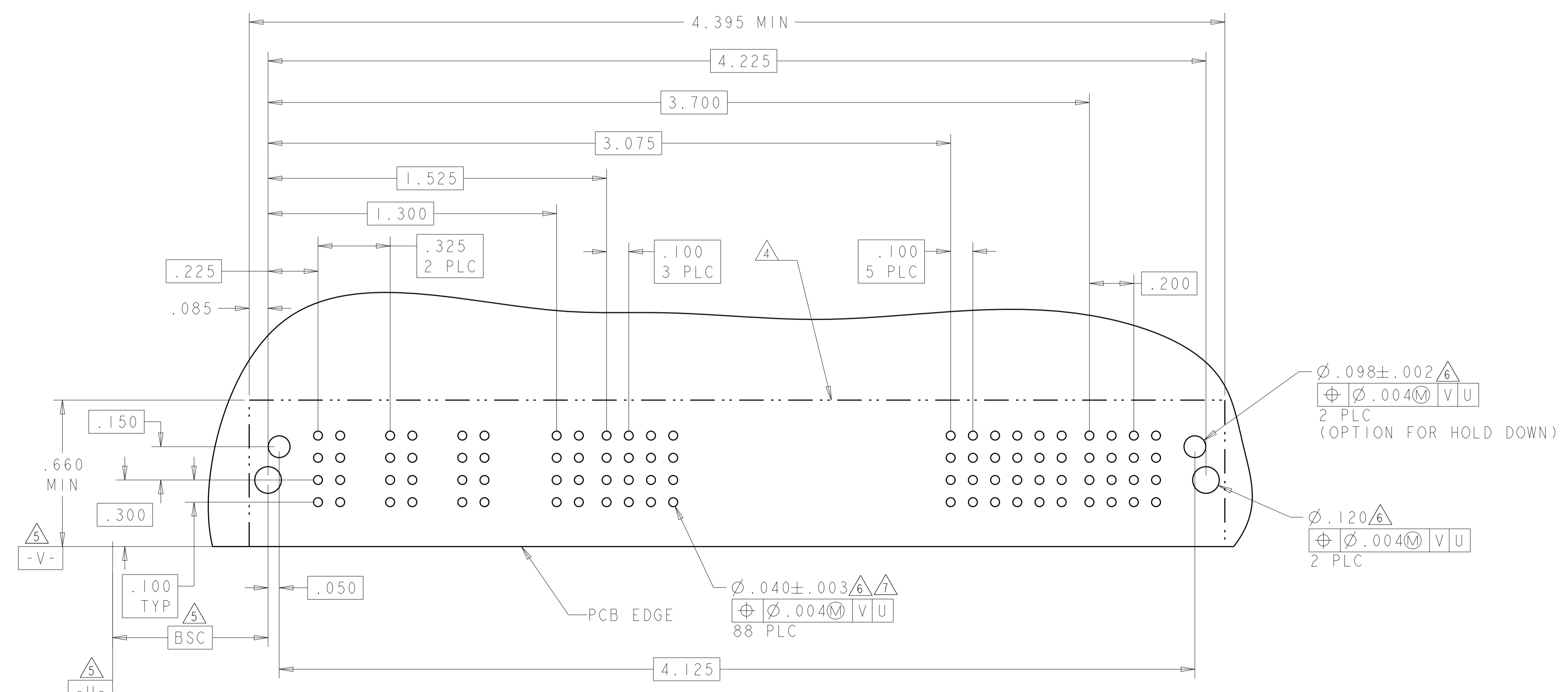
| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |



PART NUMBER: 1-6450830-8

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | BLANK | SIGNAL | | | | | | POWER | | |
|-------------|------------------|-------|----|----|----|--------|---|---|---|-------|--------|---|---|---|---|----|-------|----|----|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | P5 | P6 | |
| 1-6450830-8 | D C B A | TM | TM | TM | TM | J | J | J | J | | J | J | J | J | J | J | J | TM | TM |
| | | | | | | N | N | N | N | | N | N | N | N | N | N | N | | |
| | | | | | | S | S | S | S | | S | S | S | S | S | S | S | | |

4P + 16S + 24S + 2HDP



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: S. ZHAO 10APR2007
CHK: S. ZHAO 10APR2007
APVD: S. ZHAO

TE Connectivity

NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

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

SIZE: A1
CAGE CODE: 6450830
DRAWING NO: 100779

RESTRICTED TO: -

MATERIAL: -
FINISH: -

WEIGHT: -

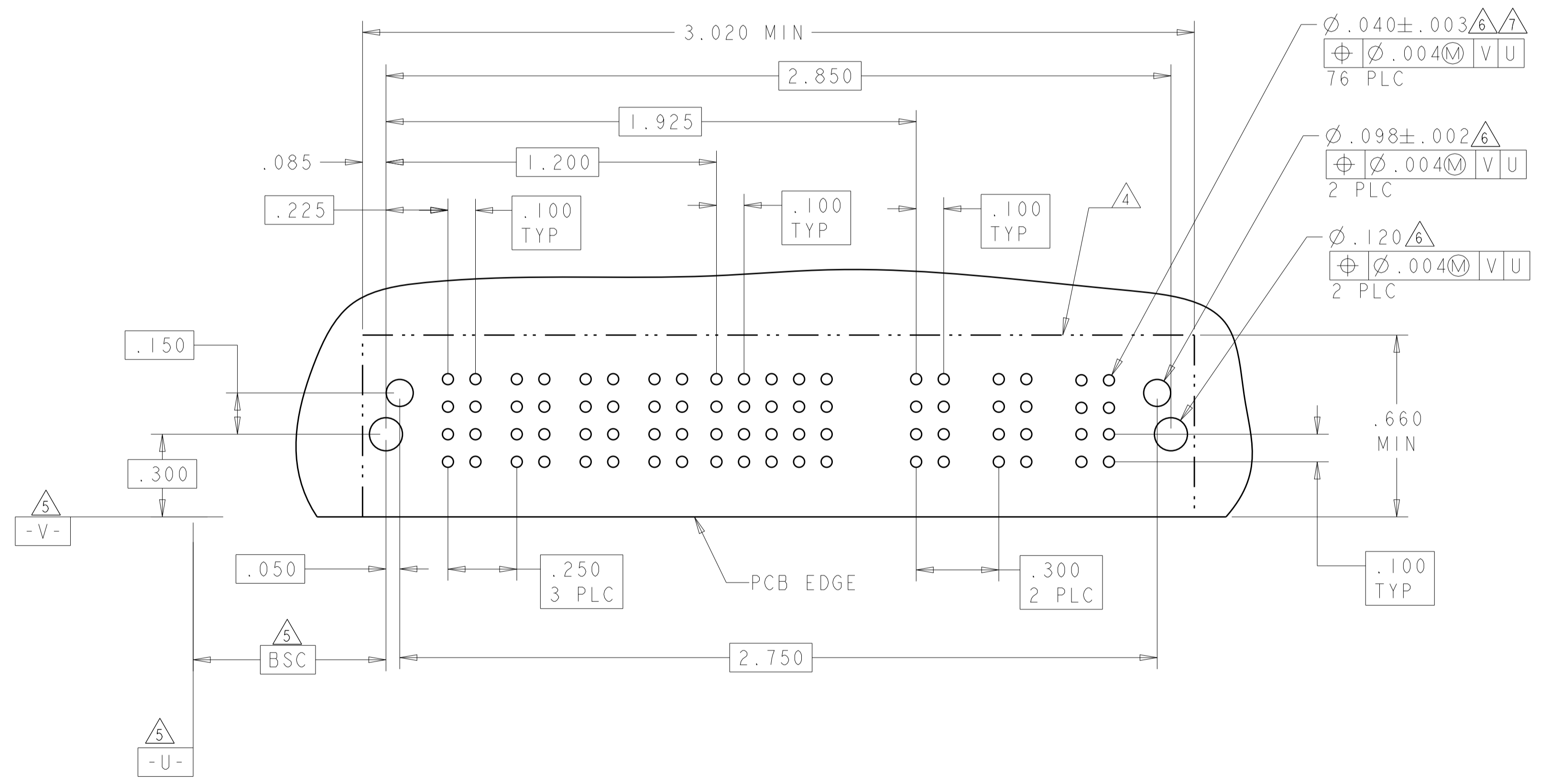
CUSTOMER DRAWING

SCALE: 4:1
SHEET: 11 OF 42
REV: S2

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES | 00 | P | LTN | DESCRIPTION | DATE | DMN | APVD |
| | | - | | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | | POWER | | |
|-----------------|------|-------|----|----|----|--------|---|---|---|---|---|---|-------|----|----|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | P5 | P6 | P7 |
| 1-6450830-9 | D | TM | TM | TM | TM | J | J | J | J | J | | | TM | TM | TM |
| | C | | | | | K | K | K | K | K | | | | | |
| | B | | | | | N | N | N | N | N | | | | | |
| | A | | | | | S | S | S | S | S | | | | | |
| 4P + 28S + 3ACP | | | | | | | | | | | | | | | |

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

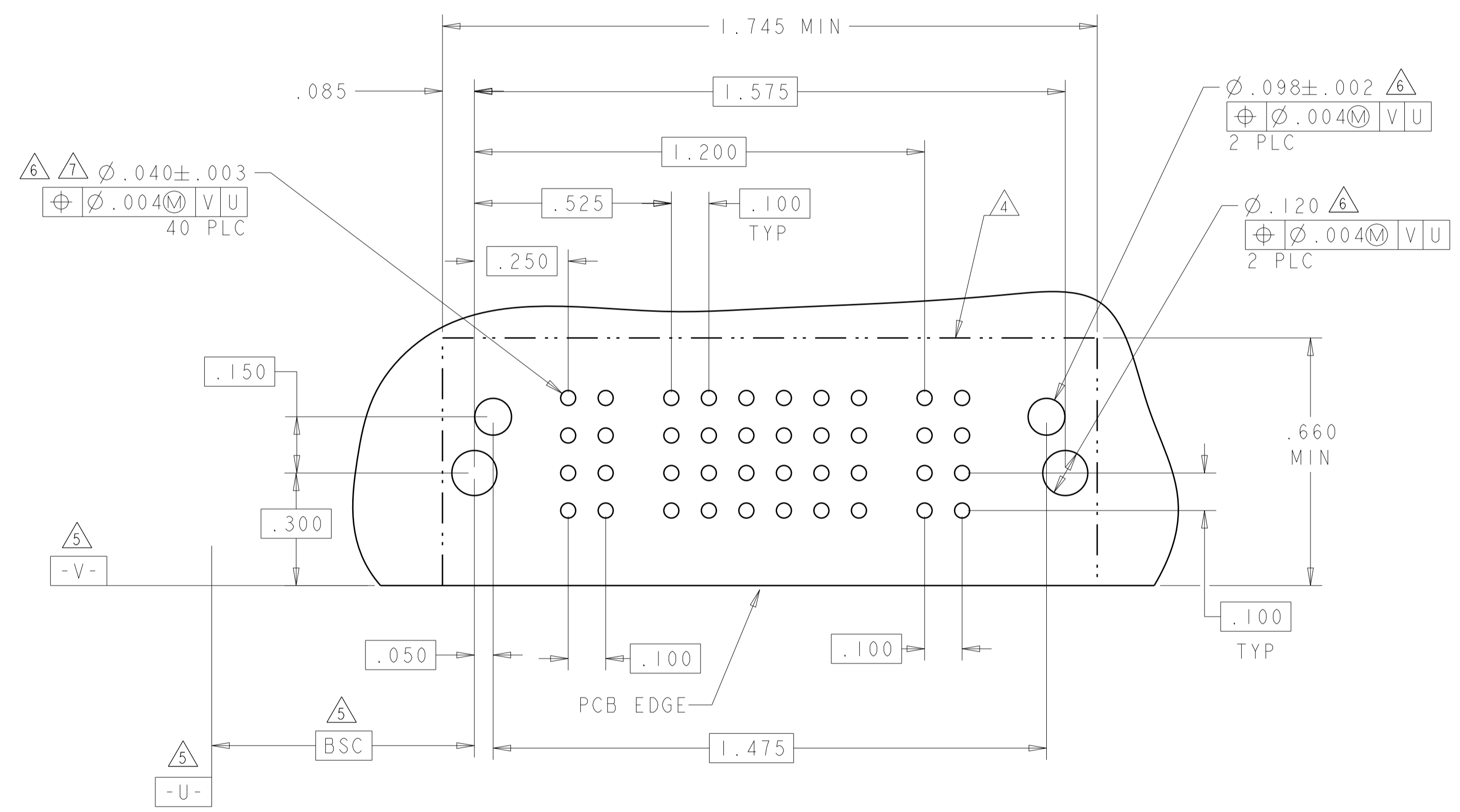
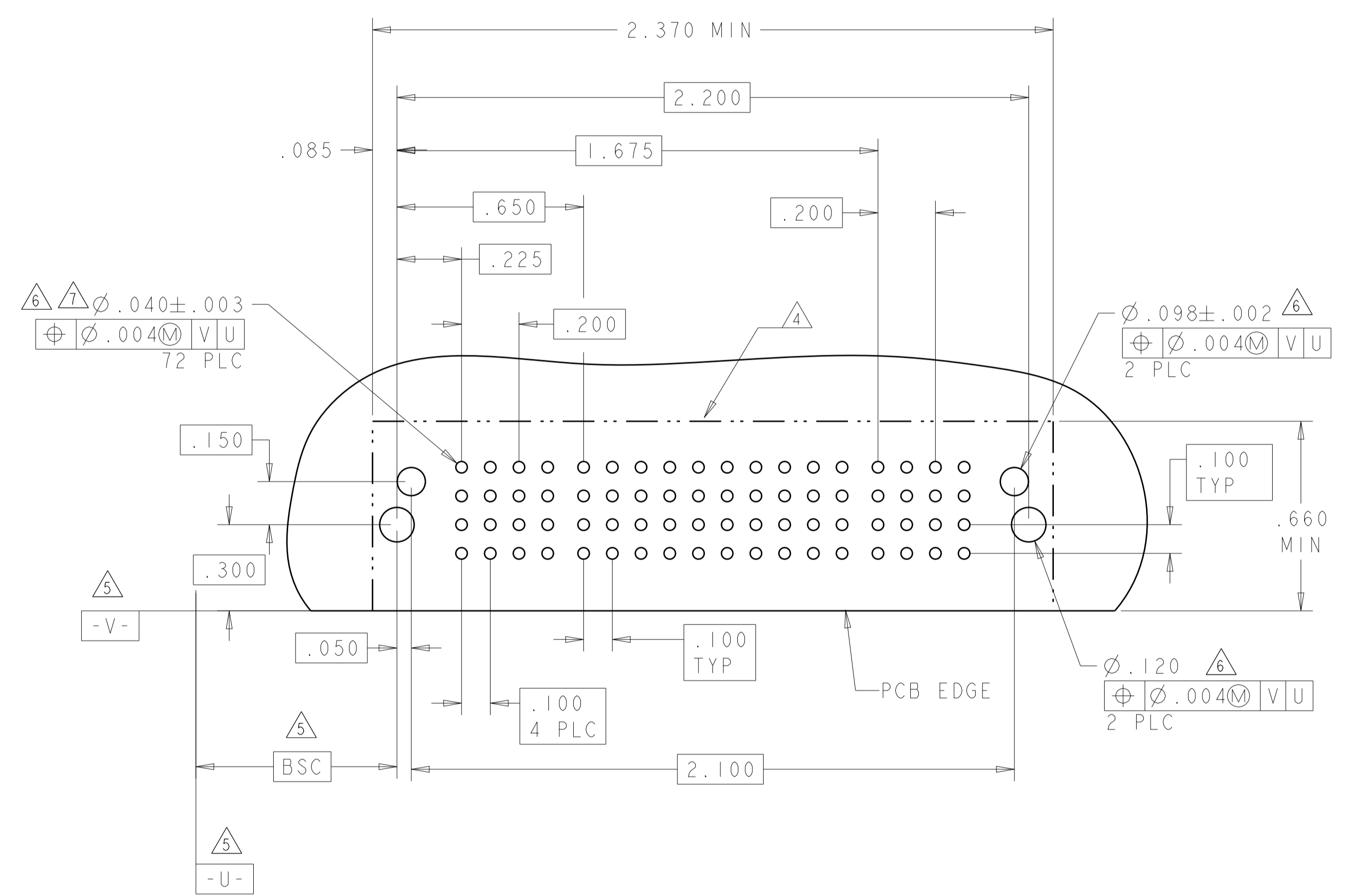
| | | | |
|-----------------------|--|---|---|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° | DMN S.ZHAO 10APR2007 CHK S.ZHAO 10APR2007 APVD S.ZHAO | NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| MATERIAL | FINISH | PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT | SIZE CAGE CODE DRAWING NO. RESTRICTED TO A100779C=6450830 |
| CUSTOMER DRAWING | | SCALE 4:1 | SHEET 13 OF 42 REV S2 |

4805 (3/11)

| LOC | | DIST | | REVISIONS | | | |
|-----|-----|------|-----|-----------|-------------|--|---|
| P | LTN | DATE | DMN | APVD | | | |
| ES | 00 | - | - | - | SEE SHEET 1 | | - |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | | | | | POWER | | |
|---------------|------|-------|----|--------|---|---|---|---|---|---|---|---|----|-------|----|---|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | P3 | P4 | |
| 2-6450830-4 | D | TM | TM | J | J | J | J | J | J | J | J | J | J | TM | TM | |
| | C | | | K | K | K | K | K | K | K | K | K | K | | | |
| | B | | | N | N | N | N | N | N | N | N | N | N | | | N |
| | A | | | S | S | S | S | S | S | S | S | S | S | | | S |
| 2P + 40S + 2P | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | POWER | |
|---------------|------|-------|----|--------|---|---|---|---|---|-------|----|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | P3 | P4 |
| 2-6450830-6 | D | TM | TM | J | J | J | J | J | J | TM | TM |
| | C | | | K | K | K | K | K | K | | |
| | B | | | N | N | N | N | N | N | | |
| | A | | | H | S | S | S | S | S | | |
| IP + 24S + IP | | | | | | | | | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

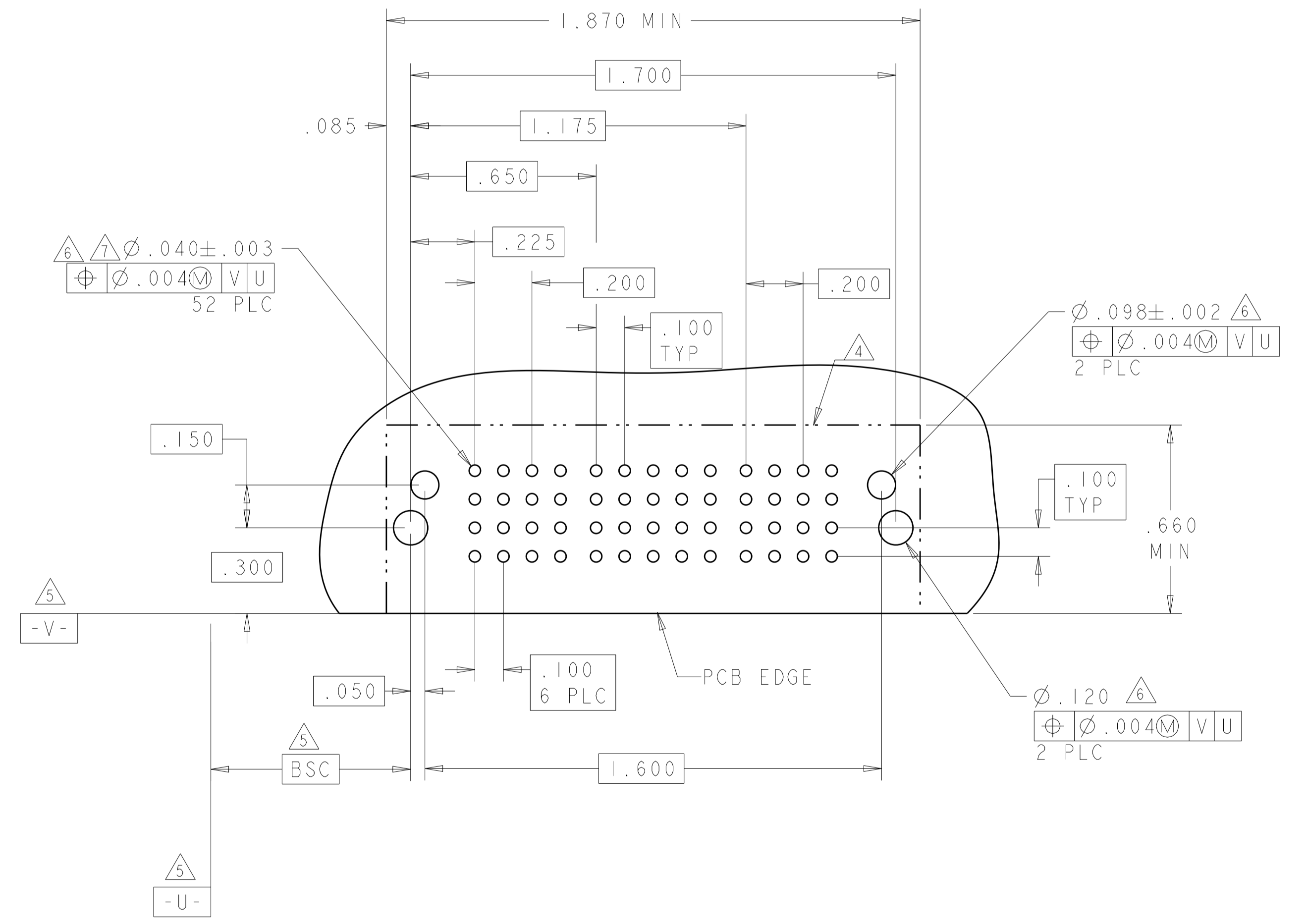
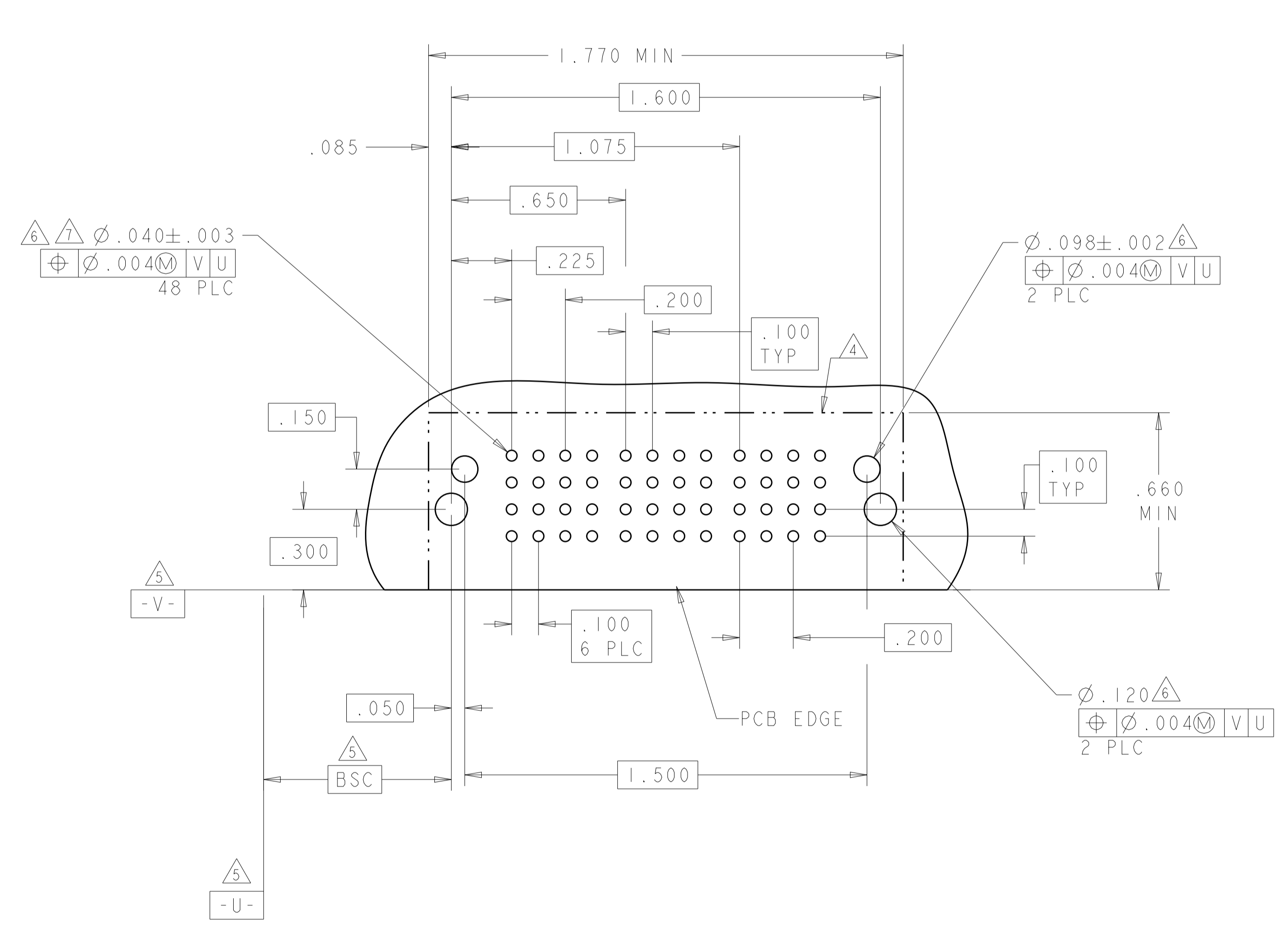
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|-----------------------|--|--------|---|---|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7° | FINISH | DMN S.ZHAO 10APR2007 CHK S.ZHAO 10APR2007 APVD S.ZHAO | NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| MATERIAL | | | PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT | SIZE CAGE CODE DRAWING NO A100779C=6450830 |
| CUSTOMER DRAWING | | | SCALE 4:1 | SHEET 14 OF 42 REV S2 |

4805 (3/11)

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DMN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | POWER | |
|---------------|------|-------|----|--------|---|---|---|-------|----|
| | | P1 | P2 | 1 | 2 | 3 | 4 | P3 | P4 |
| 2-6450830-7 | D | TM | TM | J | J | J | J | TM | TM |
| | C | | | K | K | K | K | | |
| | B | | | N | N | N | N | | |
| | A | | | S | S | S | S | | |
| 2P + 16S + 2P | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | POWER | |
|---------------|------|-------|----|--------|---|---|---|---|-------|----|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | P3 | P4 |
| 2-6450830-8 | D | TM | TM | J | J | J | J | J | TM | TM |
| | C | | | K | K | K | K | K | | |
| | B | | | N | N | N | N | N | | |
| | A | | | S | S | S | S | S | | |
| 2P + 20S + 2P | | | | | | | | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

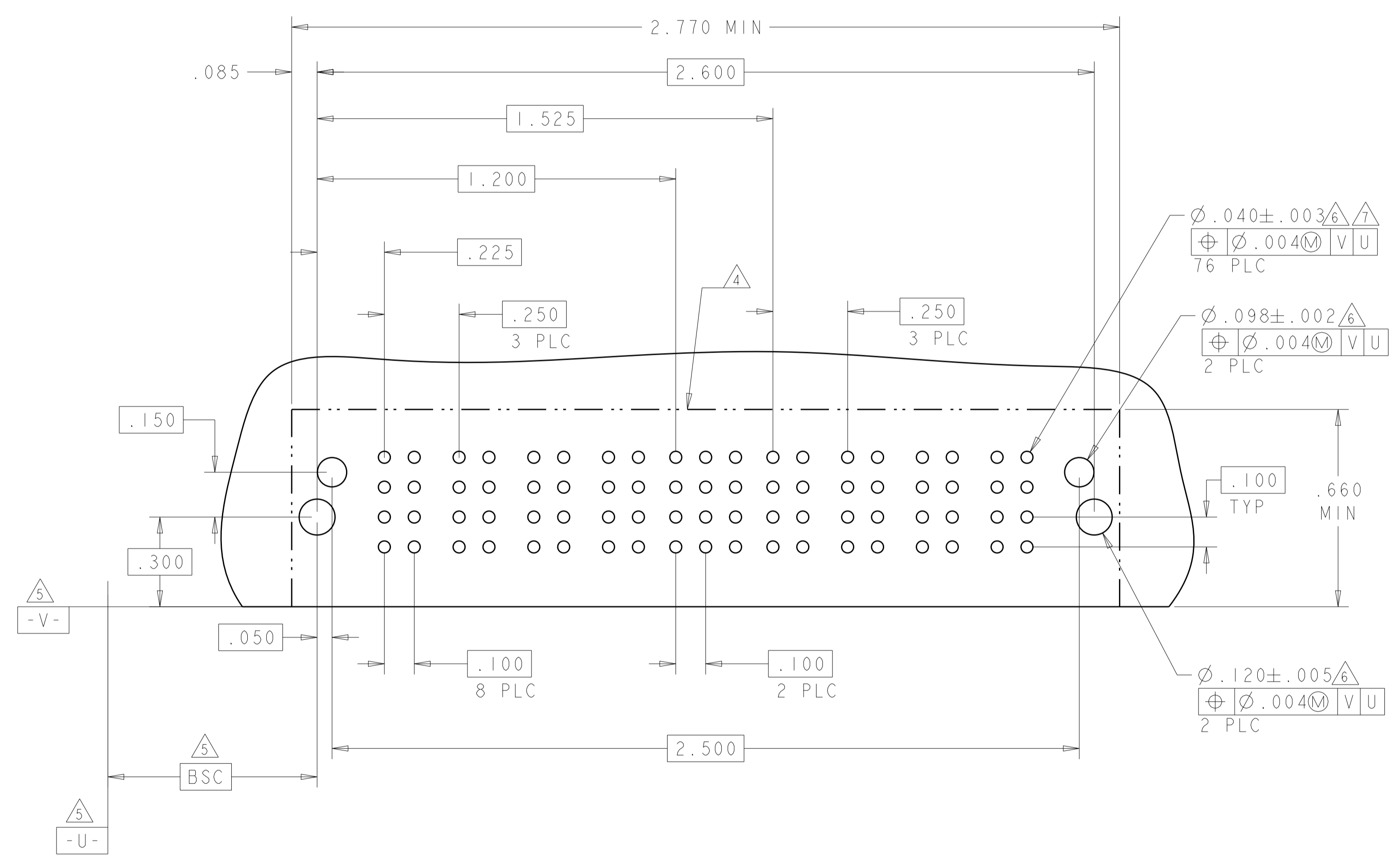
| | | | |
|-----------------------|---|---|---|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.7° | DMN S.ZHAO 10APR2007 CHK S.ZHAO 10APR2007 APVD S.ZHAO NAME S.ZHAO | TE Connectivity RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| MATERIAL | FINISH | PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT CUSTOMER DRAWING | |

| LOC | DIST | REV | DATE | BY | APPD |
|-----|------|-----|------|----|------|
| ES | 00 | | | | |

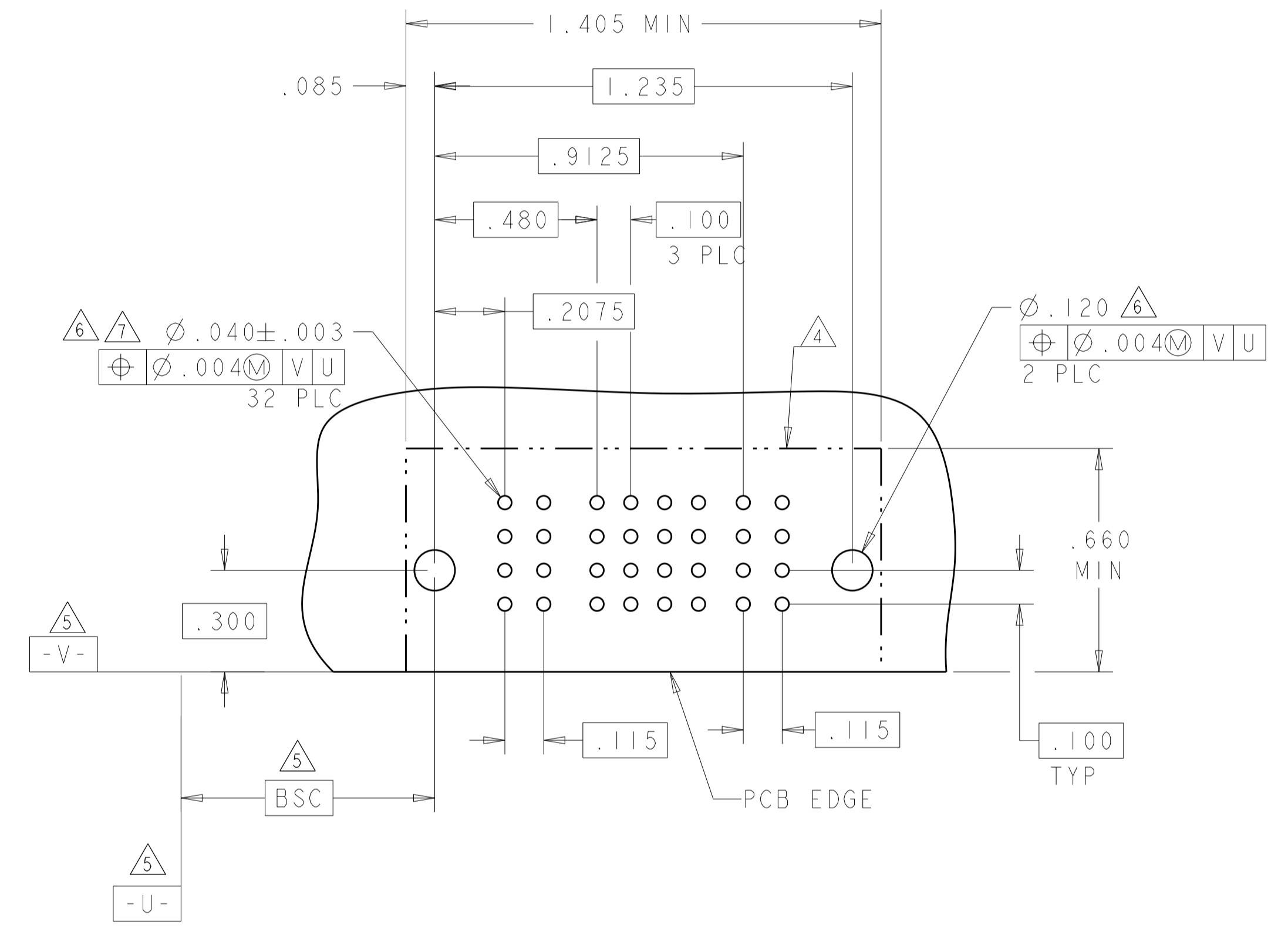
| REVISIONS | | | | | |
|-----------|------|----|------|-------------|------|
| REV | DATE | BY | APPD | DESCRIPTION | DATE |
| - | - | - | - | SEE SHEET 1 | - |

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | POWER | | | |
|---------------|------|-------|----|----|----|--------|---|---|-------|----|----|----|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | P5 | P6 | P7 | P8 |
| 4-6450830-2 | D | | | | | J | J | J | | | | |
| | C | | | | | K | K | K | | | | |
| | B | | | | | N | N | N | | | | |
| | A | HD | | | | S | S | S | | | | HD |
| 4P + 12S + 4P | | | | | | | | | | | | |

| PART NUMBER | ROWS | LOW POWER | | SIGNAL | | | | LOW POWER | |
|-----------------|------|-----------|-----|--------|---|---|---|-----------|-----|
| | | LP1 | LP2 | 1 | 2 | 3 | 4 | LP3 | LP4 |
| 6-6450830-0 | D | | | J | J | J | E | | |
| | C | | | K | K | K | K | | |
| | B | | | N | N | N | N | | |
| | A | | | S | S | S | S | | |
| 2LP + 16S + 2LP | | | | | | | | | |



(N7)

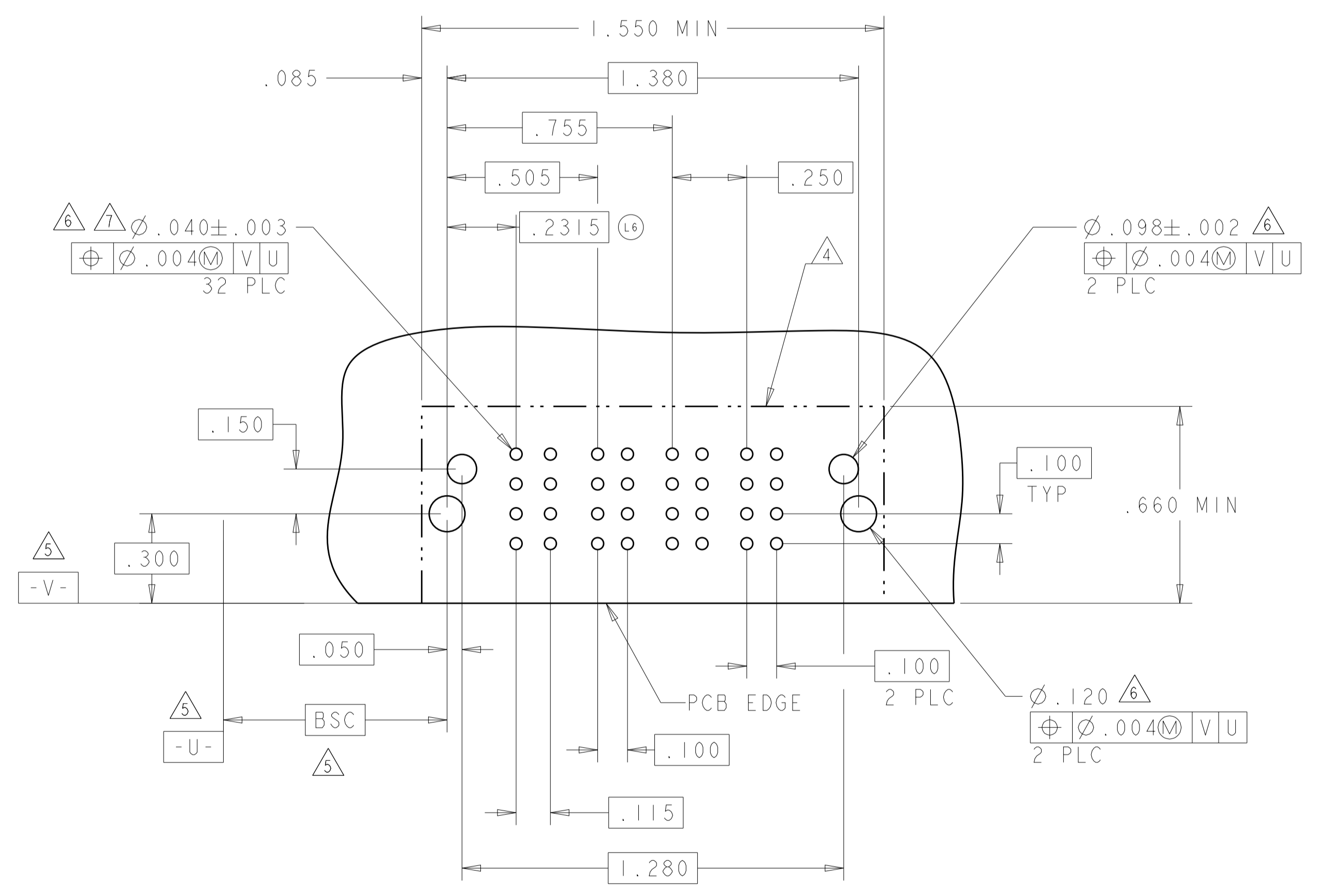
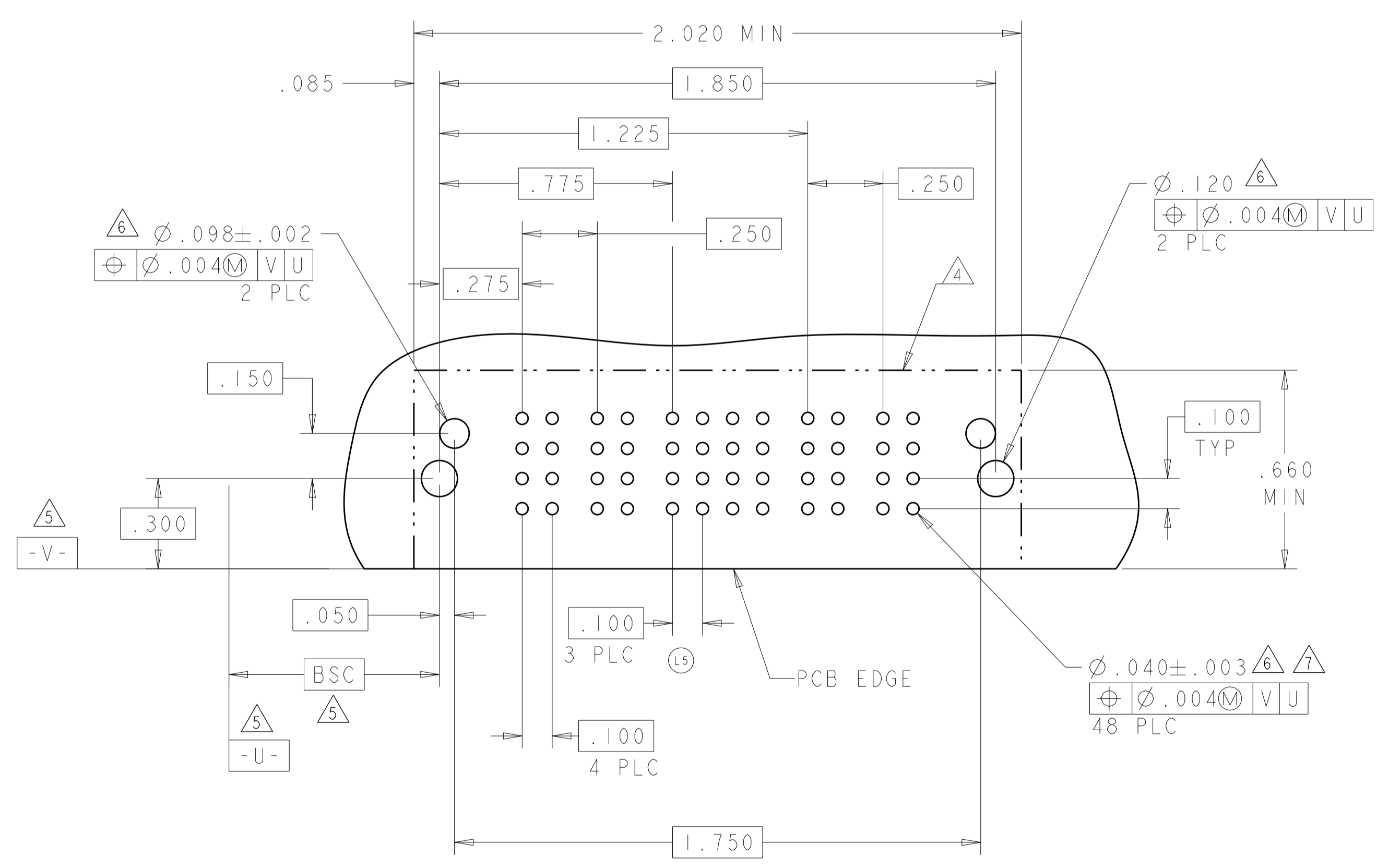


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|--|-------------|------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC ± | 1 PLC ±.01 | PRODUCT SPEC | SIZE: CAGE CODE DRAWING NO |
| 2 PLC ±.01 | 3 PLC ±.005 | APPLICATION SPEC | RESTRICTED TO |
| 4 PLC ±.0020 | ANGLES ±.7° | 114-13251 | A100779C=6450830 |
| MATERIAL: | FINISH: | WEIGHT: | CUSTOMER DRAWING |
| | | SCALE: 4:1 | SHEET 20 OF 42 REV S2 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DMN | APVD |
| ES | 00 | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | POWER | | | |
|---------------|------------------|-------|----|--------|----|----|----|-------|----|----|----|
| | | P1 | P2 | 1 | 2 | 3 | 4 | P3 | P4 | | |
| 4-6450830-6 | D C B A | HD | TM | TM | J | J | J | J | TM | TM | HD |
| | | | | | FK | FK | FK | FK | | | |
| | | | | | G | G | G | G | | | |
| 2P + 16S + 2P | | | | S | S | S | S | | | | |

| PART NUMBER | ROWS | POWER | | SIGNAL | | POWER | | | | |
|---------------|------------------|-------|----|--------|---|-------|----|----|----|----|
| | | P1 | P2 | 1 | 2 | P3 | P4 | | | |
| 4-6450830-7 | D C B A | HD | LM | LM | F | J | E | TM | TM | HD |
| | | | | | K | F | | | | |
| | | | | | N | N | | | | |
| 2LP + 8S + 2P | | | | S | F | S | | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | |
|--|-----------|---|
| DMN: S. ZHAO | 10APR2007 | STE TE Connectivity |
| CHK: S. ZHAO | 10APR2007 | |
| DIMENSIONS: INCHES | | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | |
| 0 PLC | ± .01 | PRODUCT SPEC: 108-2292 |
| 1 PLC | ± .01 | APPLICATION SPEC: 114-13251 |
| 2 PLC | ± .01 | SIZE: A1 |
| 3 PLC | ± .005 | CAGE CODE: 6450830 |
| 4 PLC | ± .0020 | DRAWING NO: 23 |
| ANGLES | ± .0020 | SHEET 23 OF 42 |
| FINISH | ± .0020 | REV: S2 |

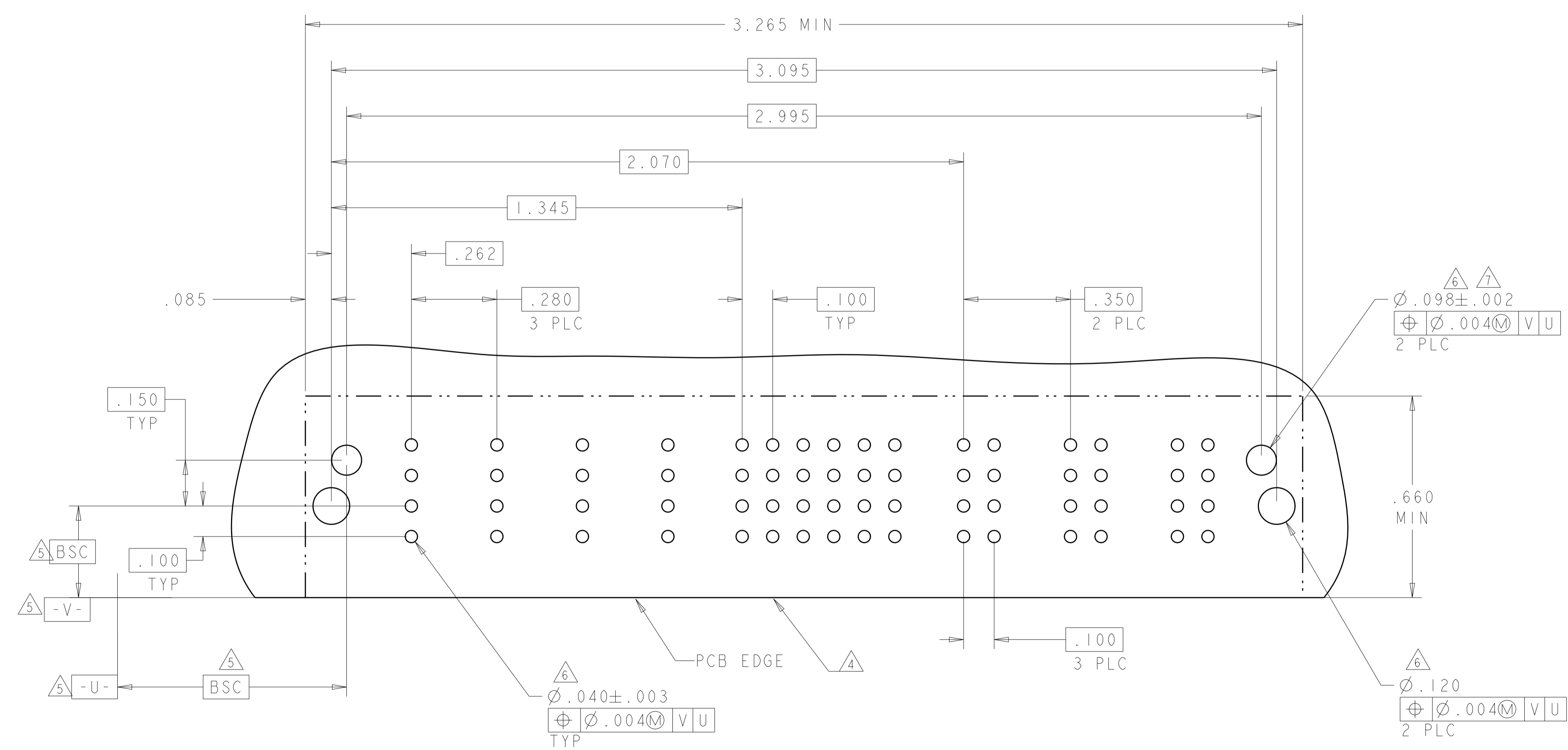
MATERIAL: -
WEIGHT: -
CUSTOMER DRAWING
SCALE: 4:1

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|-------------|----|------|
| | | REV | DATE | BY | APPV |
| ES | 00 | - | SEE SHEET 1 | - | - |

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | | POWER | | |
|-------------|------------------|-------|-----|-----|-----|-----|-----|-----|-----|--------|---|---|---|---|----|-------|----|----|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | LP8 | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 |
| 4-6450830-8 | D C B A | LM | LM | LM | LM | LM | LM | LM | J | J | J | J | J | J | TM | TM | TM | |
| | | | | | | | | | K | K | K | K | K | K | | | | |
| | | | | | | | | | N | N | N | N | N | N | | | | |
| | | | | | | | | | S | S | S | S | S | S | | | | |

8LP + 24S + 3P

NO CONTACT LOADED

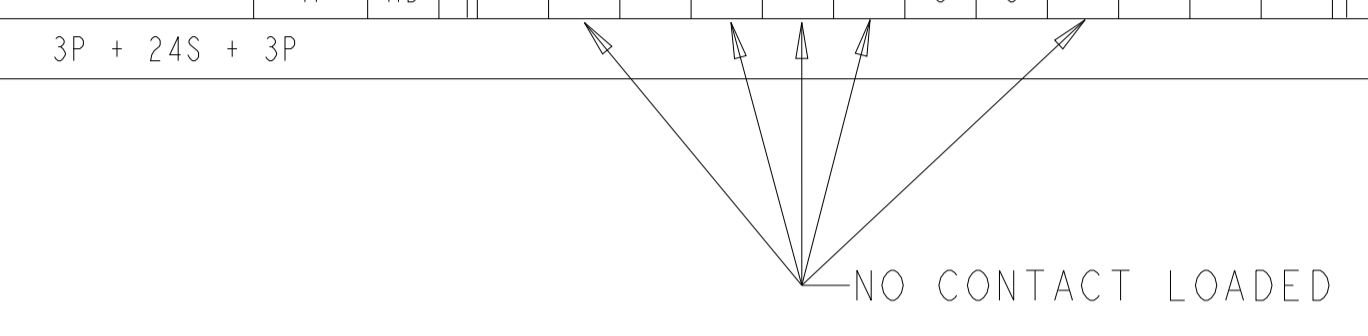


| | | | |
|--|--|-----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: S.ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S.ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S.ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC ±.01 | | PRODUCT SPEC: 108-2292 | SIZE: A100779C=6450830 |
| 1 PLC ±.01 | | APPLICATION SPEC: 114-13251 | RESTRICTED TO: - |
| 2 PLC ±.01 | | WEIGHT: - | SCALE: 4:1 SHEET 24 OF 42 REV: S2 |
| 3 PLC ±.005 | | CUSTOMER DRAWING | |
| 4 PLC ±.002 | | | |
| ANGLES ±.2° | | | |
| FINISH: - | | | |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DMN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

(L8)

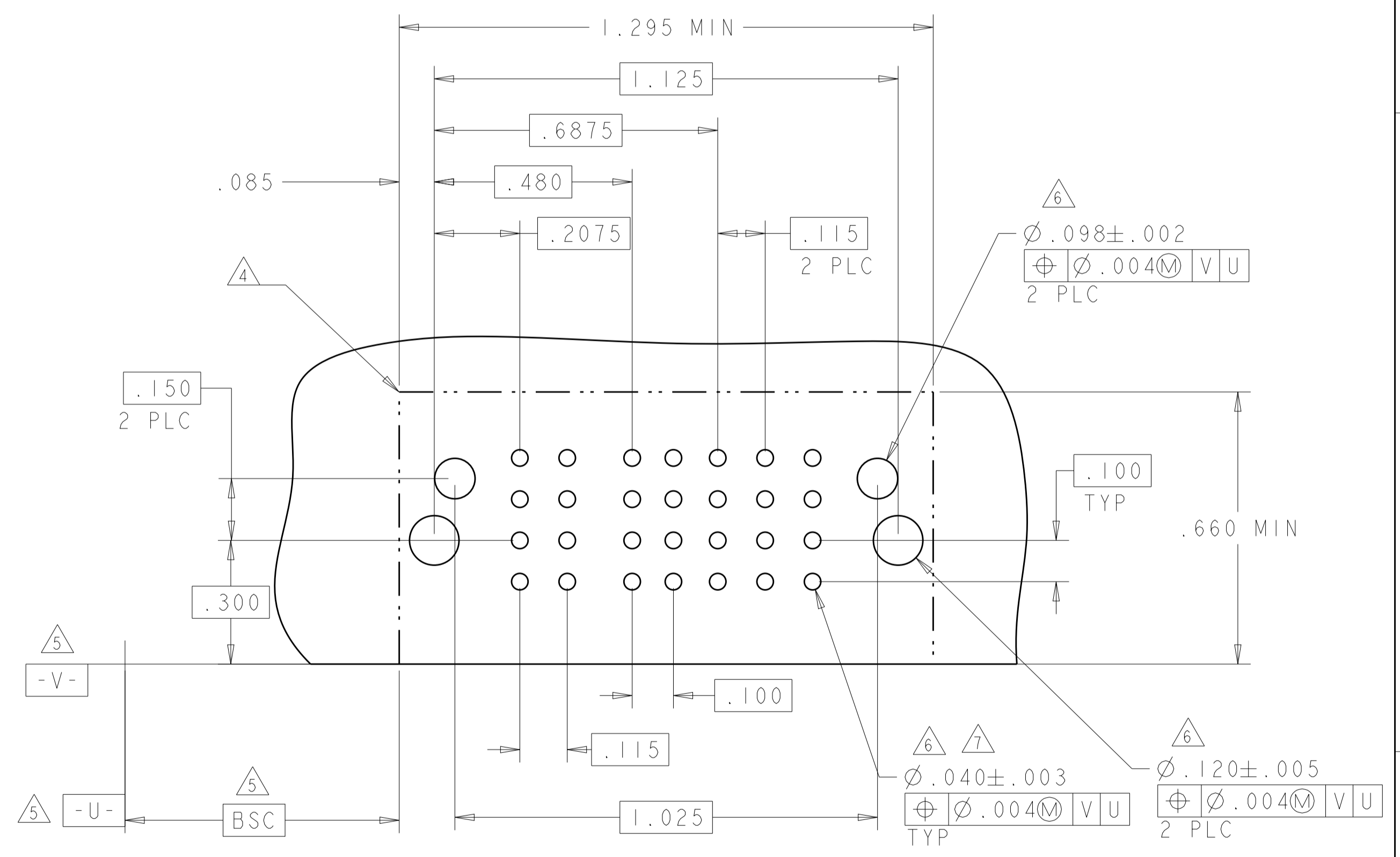
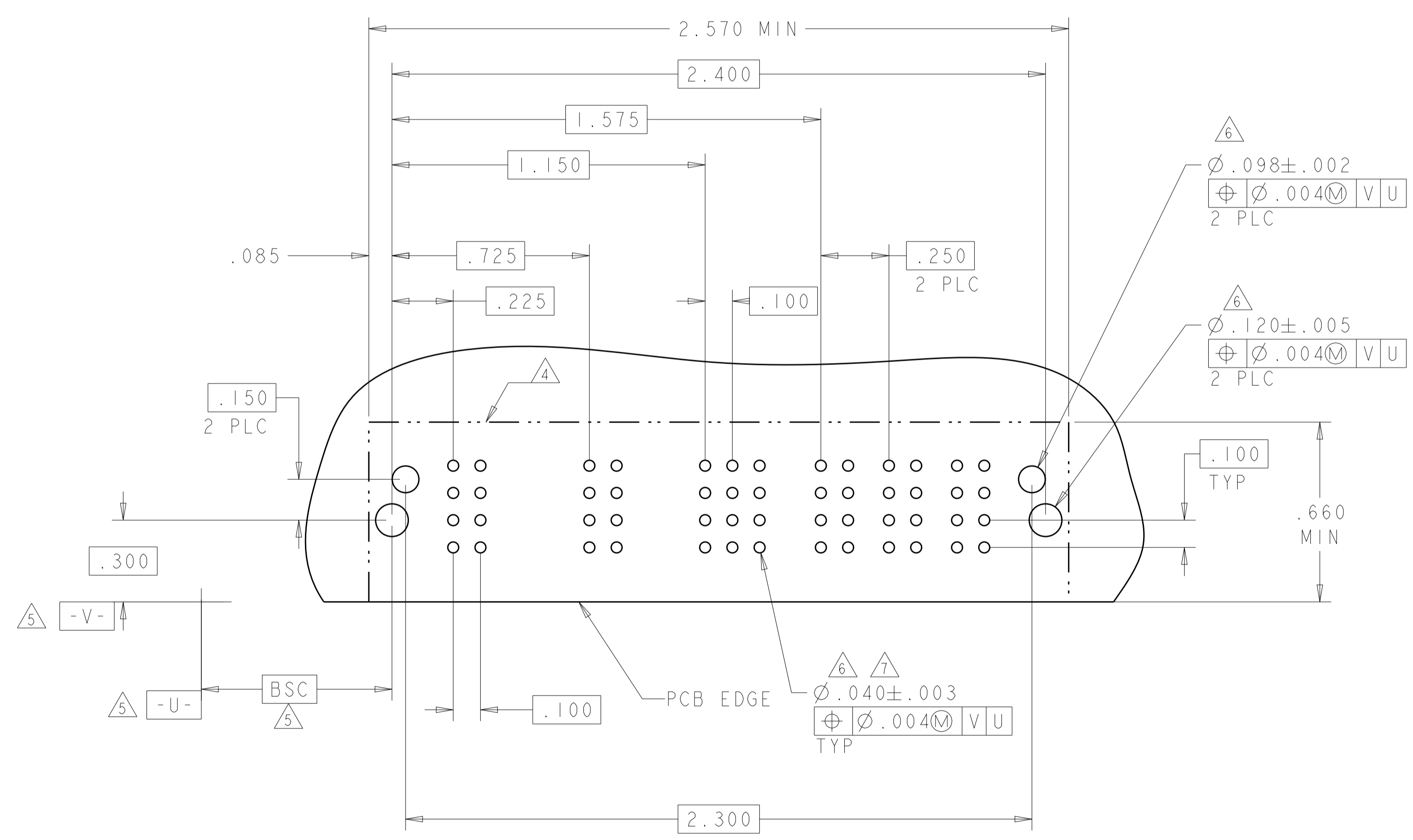
| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | | POWER | | |
|-------------|------|-------|----|----|--------|---|---|---|---|---|-------|----|----|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | P4 | P5 | P6 |
| 4-6450830-9 | D | | | | | | J | J | | | | | |
| | C | | | | | | K | K | | | TM | TM | TM |
| | B | | | | | | G | G | | | | | |
| | A | HD | | | | | S | S | | | | | HD |



(M)

| PART NUMBER | ROWS | POWER | | | SIGNAL | | POWER | | |
|-------------|------|-------|----|----|--------|---|-------|-----|-----|
| | | P1 | P2 | P3 | 1 | 2 | P4 | P5 | P6 |
| 5-6450830-0 | D | | | | J | J | | | |
| | C | | | | K | K | LMF | LMF | LMF |
| | B | | | | N | N | | | |
| | A | HD | | | S | S | | | HD |

2LP + 8S + 3LP



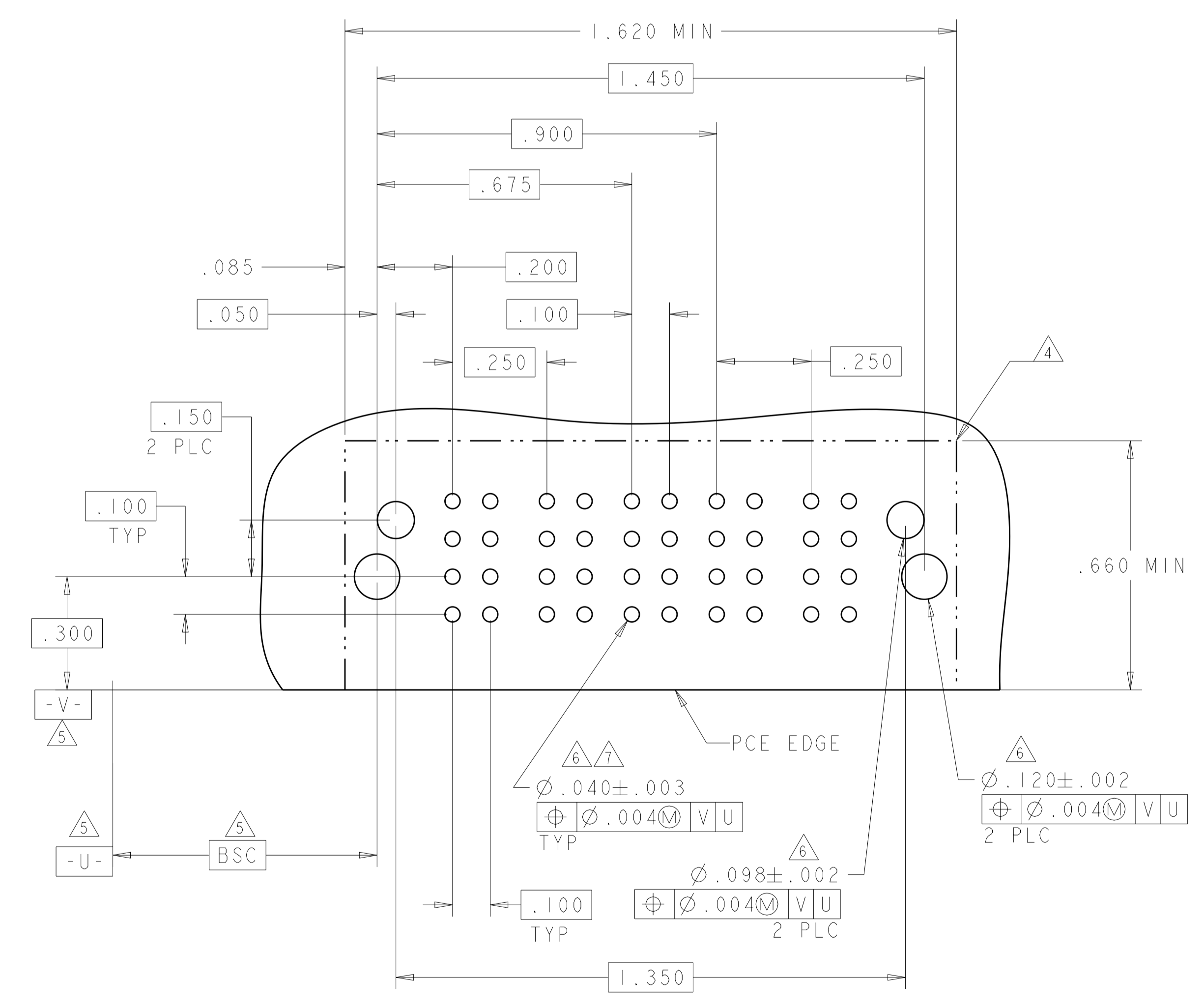
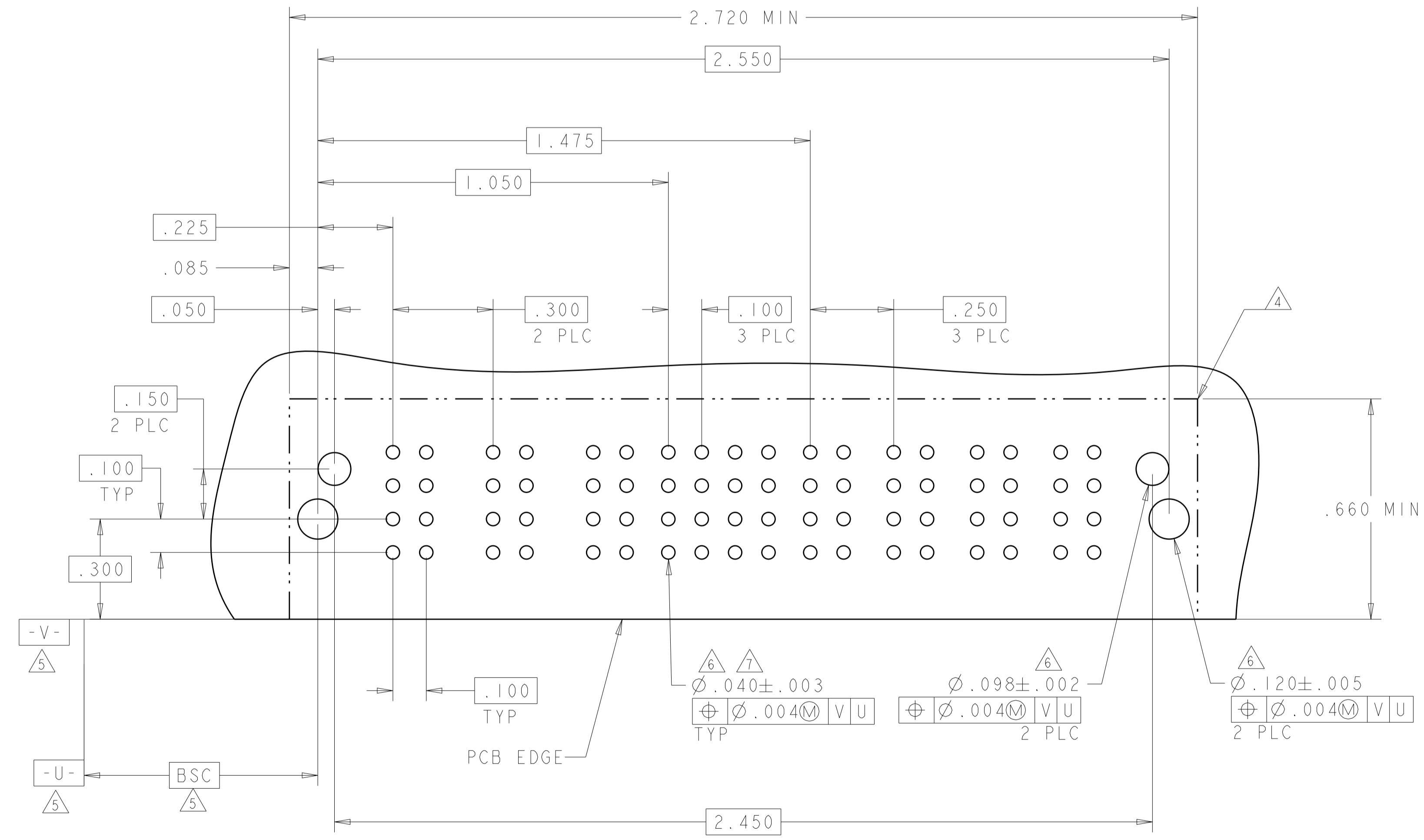
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|--|---------------|----------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN S.ZHAO 10APR2007 | STE TE Connectivity |
| DIMENSIONS: INCHES | | CHK S.ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S.ZHAO | NAME |
| 0 PLC ±.01 | 1 PLC ±.01 | PRODUCT SPEC | RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 2 PLC ±.01 | 3 PLC ±.005 | APPLICATION SPEC | SIZE CAGE CODE DRAWING NO RESTRICTED TO |
| 4 PLC ±.0020 | ANGLES ±.0020 | 114-13251 | A100779C=6450830 |
| MATERIAL | FINISH | WEIGHT | SCALE 4:1 SHEET 25 OF 42 REV S2 |
| CUSTOMER DRAWING | | | |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DMN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

M5

| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | POWER | | | |
|-----------------|------|-------|----|----|--------|---|---|---|-------|----|----|----|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | P4 | P5 | P6 | P7 |
| 5-6450830-3 | D | TM | TM | TM | J | J | J | J | TM | TM | TM | TM |
| | C | | | | K | K | K | K | | | | |
| | B | | | | N | G | N | N | | | | |
| | A | | | | S | S | S | S | | | | |
| 3ACP + 16S + 4P | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | SIGNAL | | POWER | |
|--------------|------|-------|----|--------|---|-------|----|
| | | P1 | P2 | 1 | 2 | P4 | P5 |
| 5-6450830-4 | D | TM | TM | J | J | TM | TM |
| | C | | | K | K | | |
| | B | | | N | N | | |
| | A | | | S | S | | |
| 2P + 8S + 2P | | | | | | | |

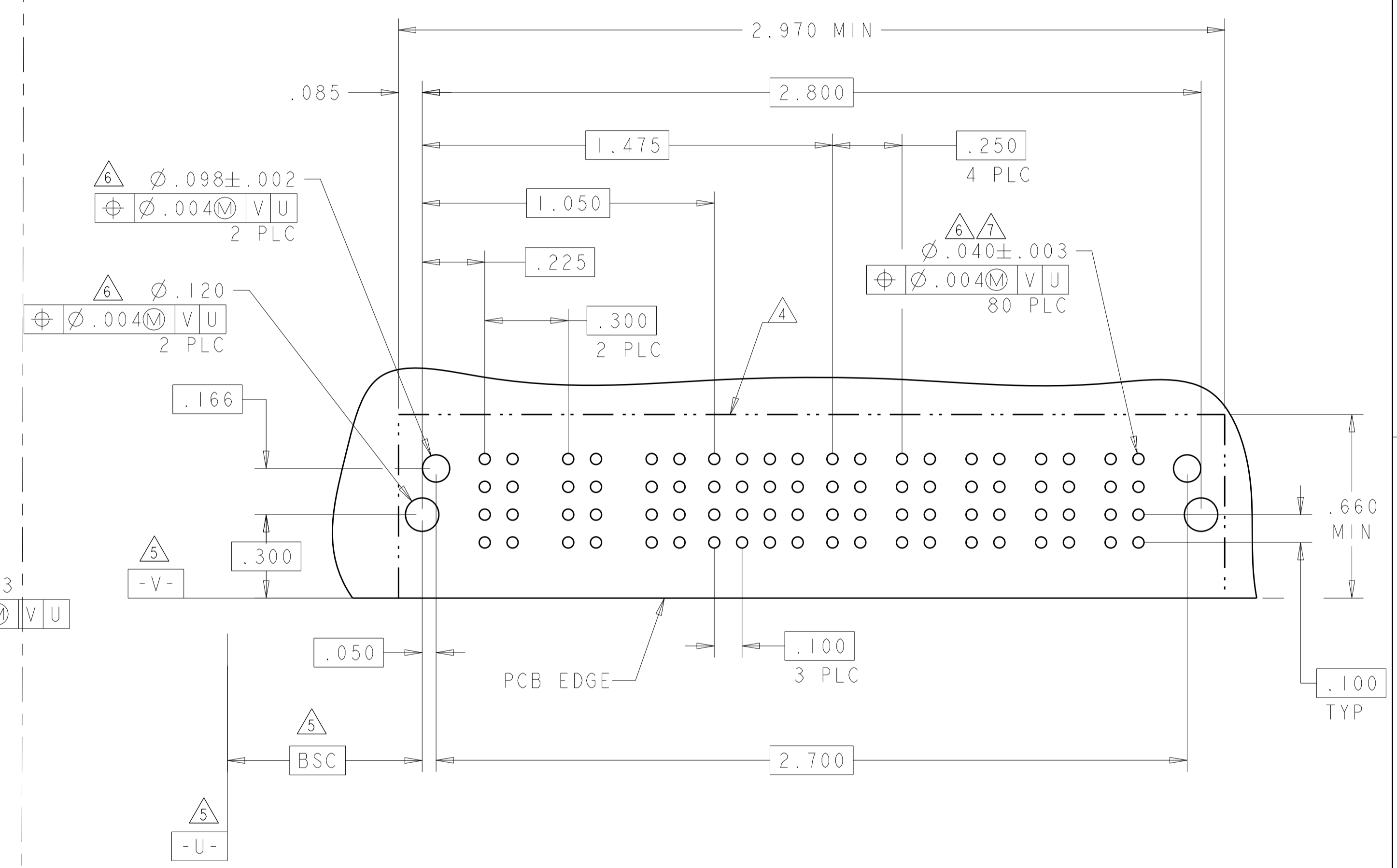
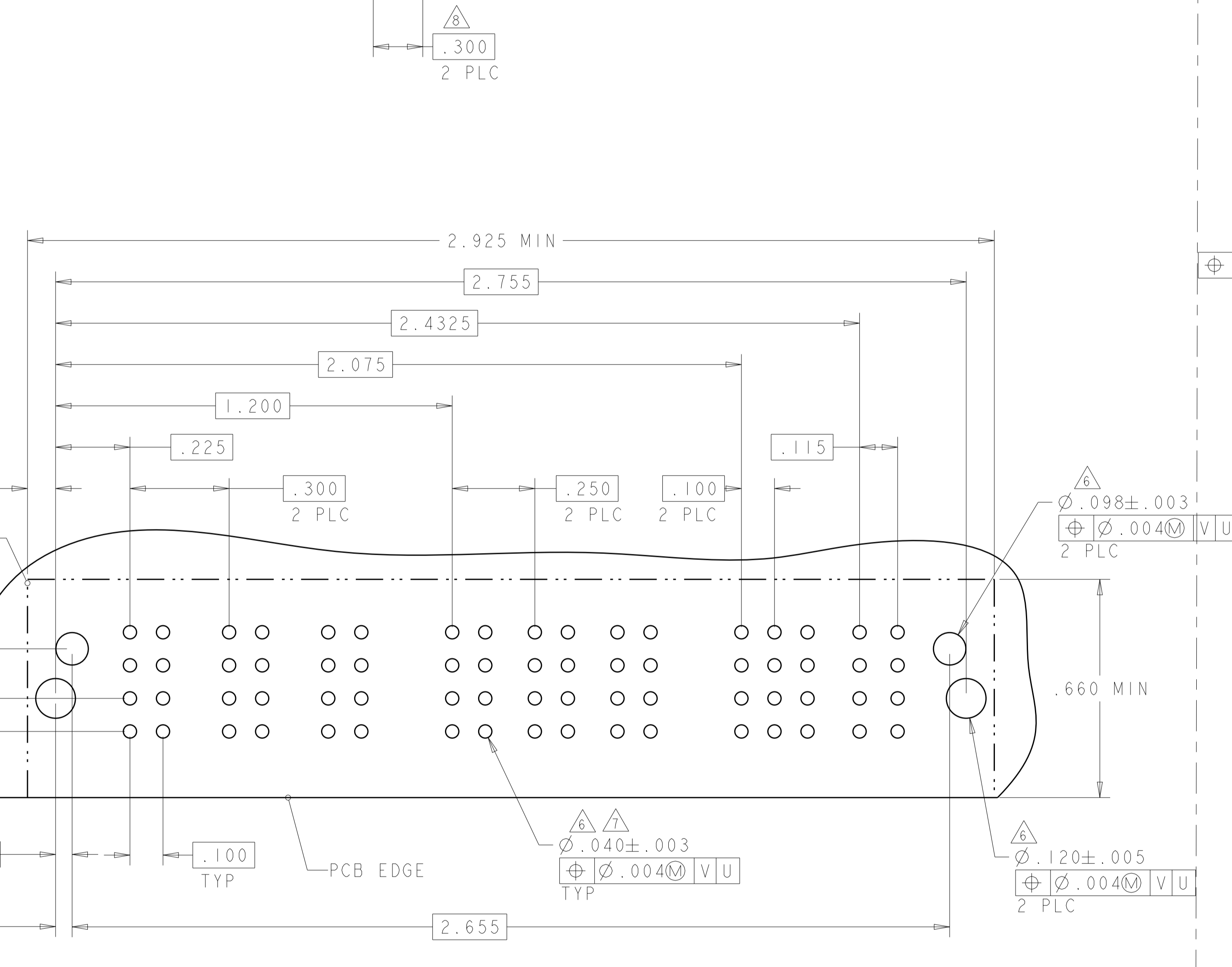


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|--|---------------|-----------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S. ZHAO | NAME |
| 0 PLC ± .01 | 1 PLC ± .01 | PRODUCT SPEC | RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 2 PLC ± .01 | 3 PLC ± .005 | APPLICATION SPEC | SIZE CAGE CODE DRAWING NO |
| 4 PLC ± .002 | ANGLES ± .002 | 114-13251 | A100779C=6450830 |
| MATERIAL | FINISH | WEIGHT | RESTRICTED TO |
| | | | SCALE 4:1 SHEET 27 OF 42 REV S2 |
| | | CUSTOMER DRAWING | |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|-------------|----|------|
| ES | 00 | REV | DATE | BY | APPV |
| | | - | SEE SHEET 1 | | |

| PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | | POWER | |
|-------------|------|-------|----|----|----|----|----|--------|---|---|-------|-----|
| | | P1 | P2 | P3 | P4 | P5 | P6 | 1 | 2 | 3 | P7 | P8 |
| 5-6450830-5 | D | TM | TM | TM | TM | TM | TM | J | J | J | LML | LML |
| | C | | | | | | | K | K | K | | |
| | B | | | | | | | N | N | N | | |
| | A | | | | | | | S | S | H | | |

| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | POWER | | | | | | | |
|-------------|------|-------|----|----|--------|---|---|---|-------|----|----|----|----|--|--|--|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | P4 | P5 | P6 | P7 | P8 | | | |
| 5-6450830-6 | D | TM | TM | TM | J | J | J | J | TM | TM | TM | TM | TM | | | |
| | C | | | | K | K | K | K | | | | | | | | |
| | B | | | | N | N | N | N | | | | | | | | |
| | A | | | | S | S | S | S | | | | | | | | |

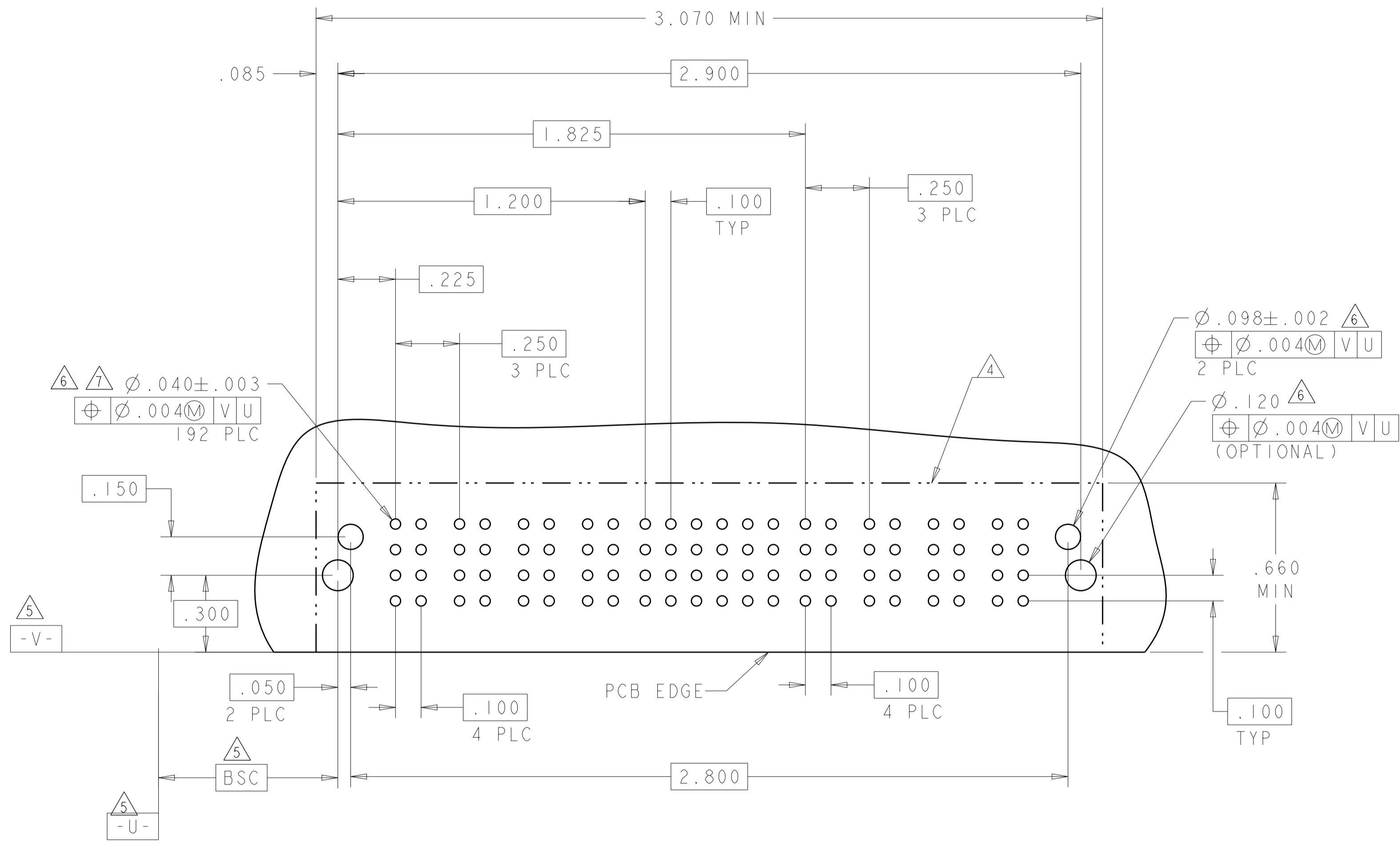


| | | | |
|--|--|-----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC ±. 1 PLC ±.01 2 PLC ±.005 3 PLC ±.002 4 PLC ±.002 ANGLES ±.2° | | PRODUCT SPEC: 108-2292 | RESTRICTED TO: |
| MATERIAL: FINISH: | | APPLICATION SPEC: 114-13251 | SIZE: A100779 |
| | | WEIGHT: | CAGE CODE: 6450830 |
| | | CUSTOMER DRAWING | SCALE: 4:1 SHEET 28 OF 42 REV: S2 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTH | DESCRIPTION | DATE | DWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | POWER | | | |
|-------------|------|-------|----|----|----|--------|---|---|---|---|---|-------|----|----|----|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 | P5 | P6 | P7 | P8 |
| 5-6450830-7 | D | TM | TM | TM | TM | J | J | J | J | J | J | TM | TM | TM | TM |
| | C | | | | | K | K | K | K | K | K | | | | |
| | B | | | | | N | N | N | N | N | N | | | | |
| | A | | | | | S | S | S | S | S | H | | | | |

4P + 24S + 4P



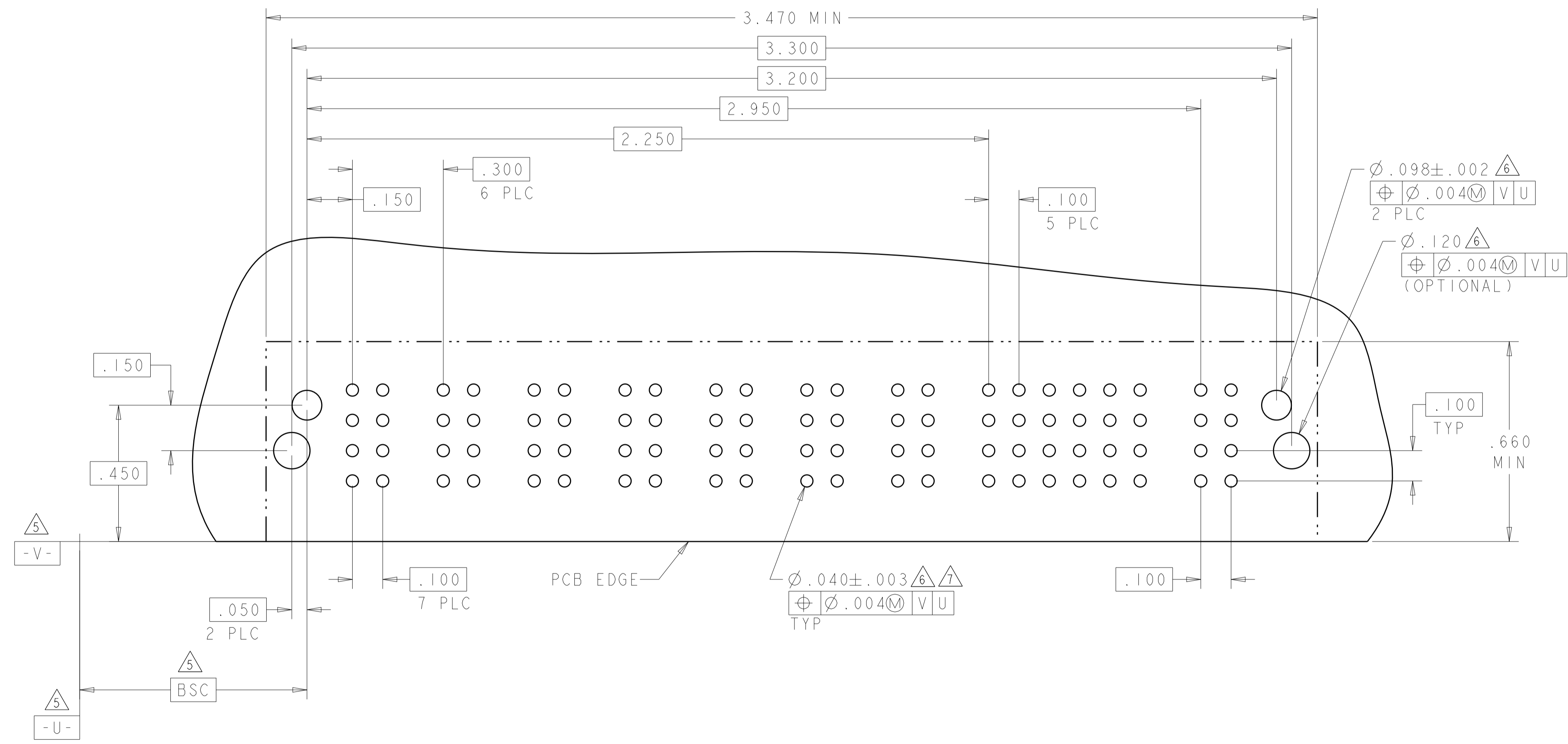
| | | | |
|--|-------------|-----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC ±.01 | 1 PLC ±.01 | PRODUCT SPEC: 108-2292 | SIZE: A100779 |
| 2 PLC ±.01 | 3 PLC ±.005 | APPLICATION SPEC: 114-13251 | CAGE CODE: C=6450830 |
| 4 PLC ±.0020 | ANGLES ±.2° | WEIGHT: - | RESTRICTED TO: - |
| MATERIAL: - | FINISH: - | CUSTOMER DRAWING | SCALE: 4:1 SHEET 29 OF 42 REV: S2 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|----|------|
| ES | 00 | REV | DATE | BY | APPD |
| - | - | SEE SHEET 1 | - | - | - |
| - | - | - | - | - | - |
| - | - | - | - | - | - |

N6

| PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | | | | | P8 |
|-------------|------|-------|----|----|----|----|----|--------|----|----|----|----|----|----|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | |
| 5-6450830-8 | D | | | | | | | FJ | FJ | FJ | FJ | FJ | FJ | |
| | C | TM | TM | TM | TM | TM | TM | K | K | K | K | K | K | TM |
| | B | | | | | | | N | N | N | N | N | N | |
| | A | HD | | | | | | S | S | S | S | S | S | HD |

7ACP + 24S + 1P



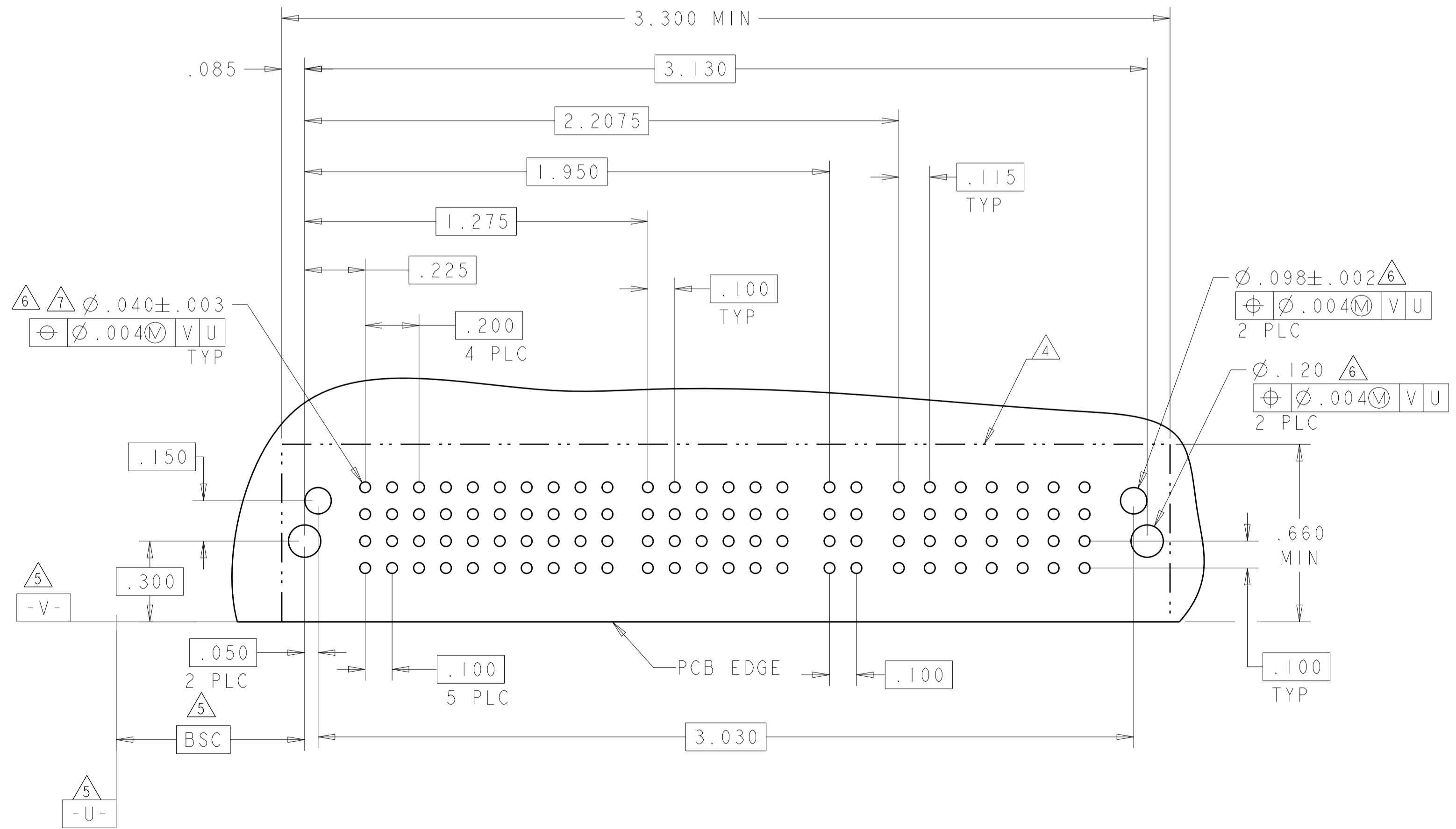
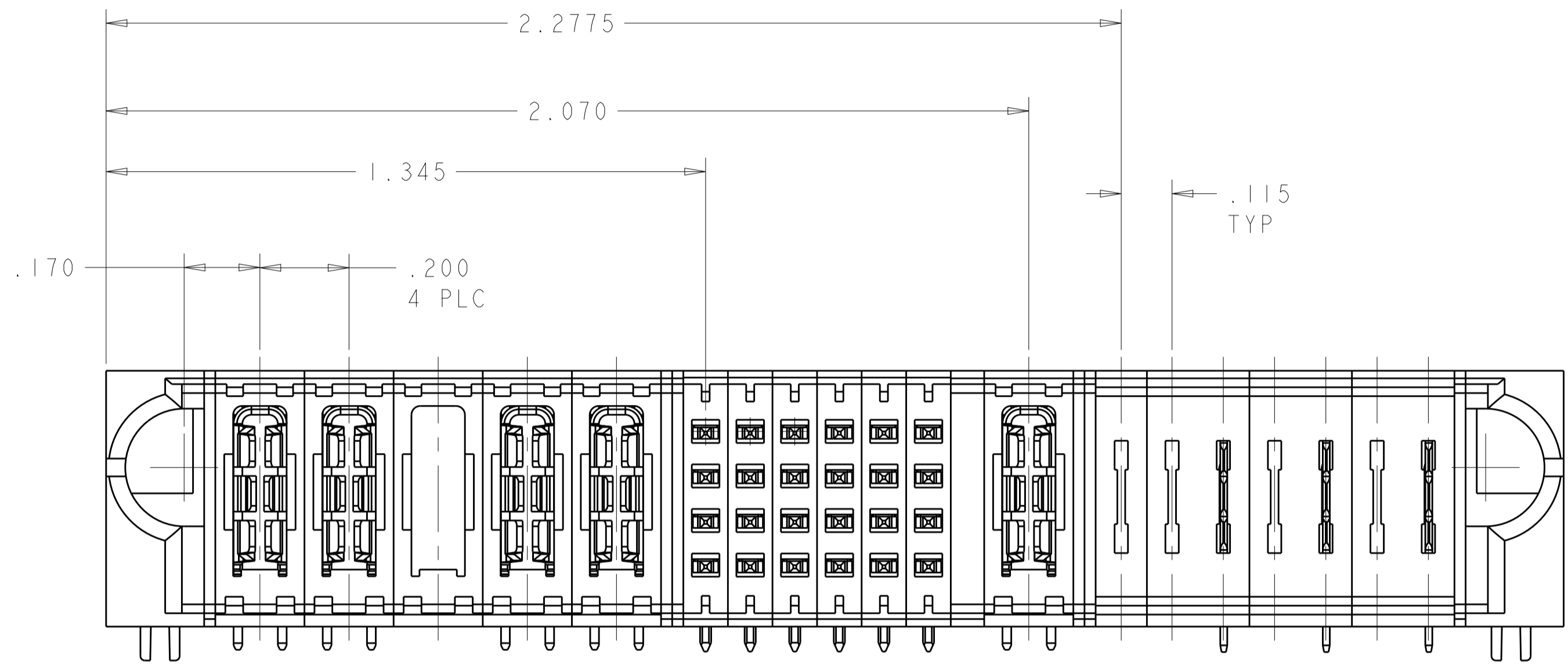
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|--|--|---|---------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. ZHAO 10APR2007 CHK S. ZHAO 10APR2007 APVD S. ZHAO NAME S. ZHAO | TE Connectivity |
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° | PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251 WEIGHT - CUSTOMER DRAWING | |

| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-------------|------|-----|------|
| ES | 00 | P | LTN | DESCRIPTION | DATE | DMN | APVD |
| | | - | | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | POWER | LOW POWER | | | | | | | |
|-------------|------|-------|----|----|----|--------|---|---|---|---|---|-------|-----------|-----|-----|-----|-----|-----|-----|-----|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | P6 | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 |
| 6-6450830-2 | D | | | | | J | J | J | J | J | J | | | | | | | | | |
| | C | | | | | K | K | K | K | K | K | | | | | | | | | |
| | B | TM | TM | | TM | TM | N | N | N | N | N | | TM | | LM | | LM | | LM | |
| | A | HD | | | | | S | S | S | S | S | | | | | | | | | |

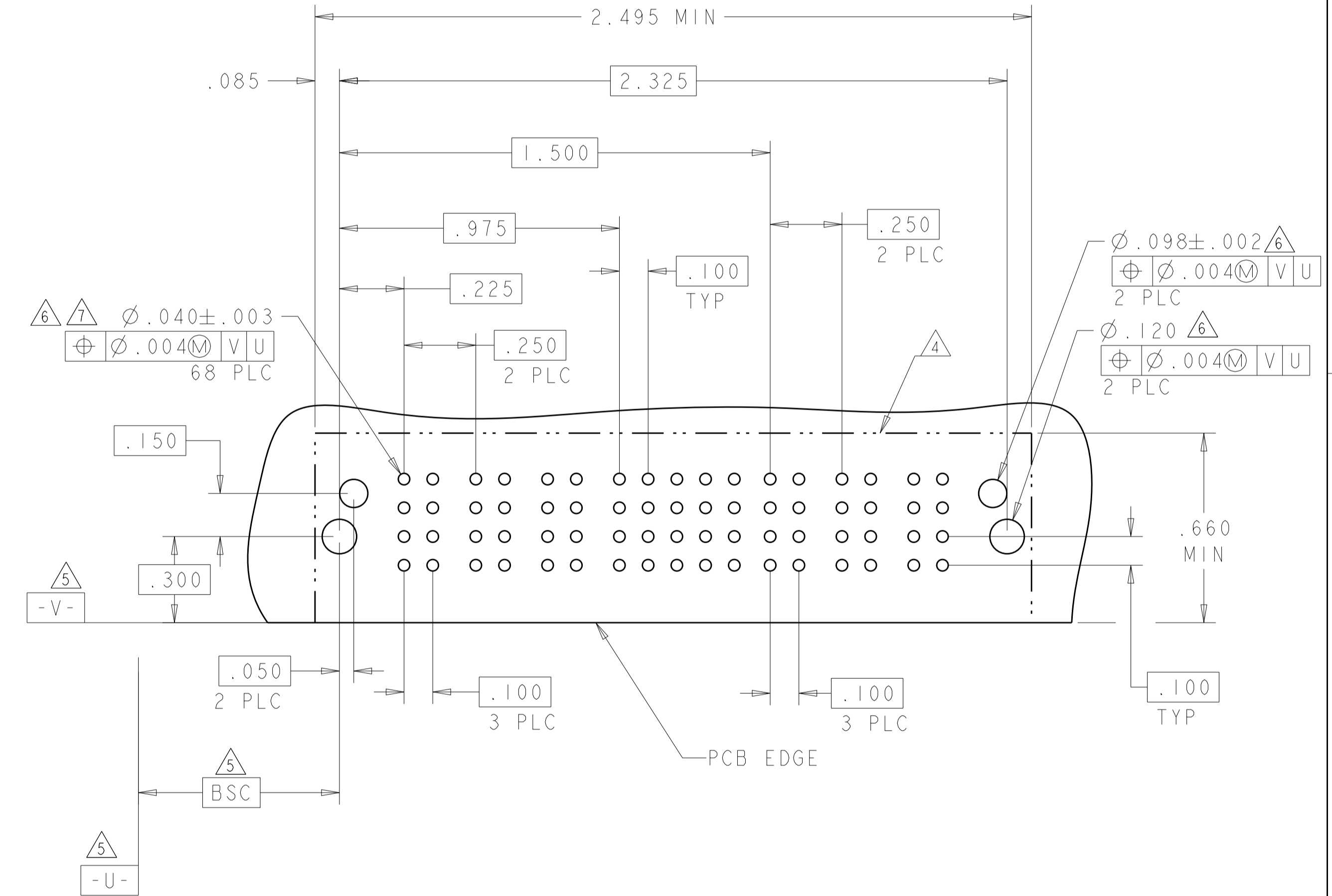
5HDP + 24S + 1P + 7LP

NO CONTACTS LOADED



| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | POWER | | | |
|-------------|------|-------|----|----|--------|---|---|---|---|-------|----|----|----|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | P4 | P5 | P6 |
| 6-6450830-4 | D | | | | J | J | J | J | J | | | | |
| | C | | | | K | K | K | K | K | | | | |
| | B | TM | TM | TM | N | N | N | N | N | | TM | TM | TM |
| | A | HD | | | S | S | S | S | S | | | | |

3P + 20S + 3P



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: S. ZHAO 10APR2007
 CHK: S. ZHAO 10APR2007
 APVD: S. ZHAO

DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.002
 ANGLES ±.020

MATERIAL: FINISH:

PRODUCT SPEC: 108-2292
 APPLICATION SPEC: 114-13251
 WEIGHT: CUSTOMER DRAWING

NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE
 SIZE: A1
 CAGE CODE: 6450830
 SCALE: 4:1 SHEET 31 OF 42 REV: S2

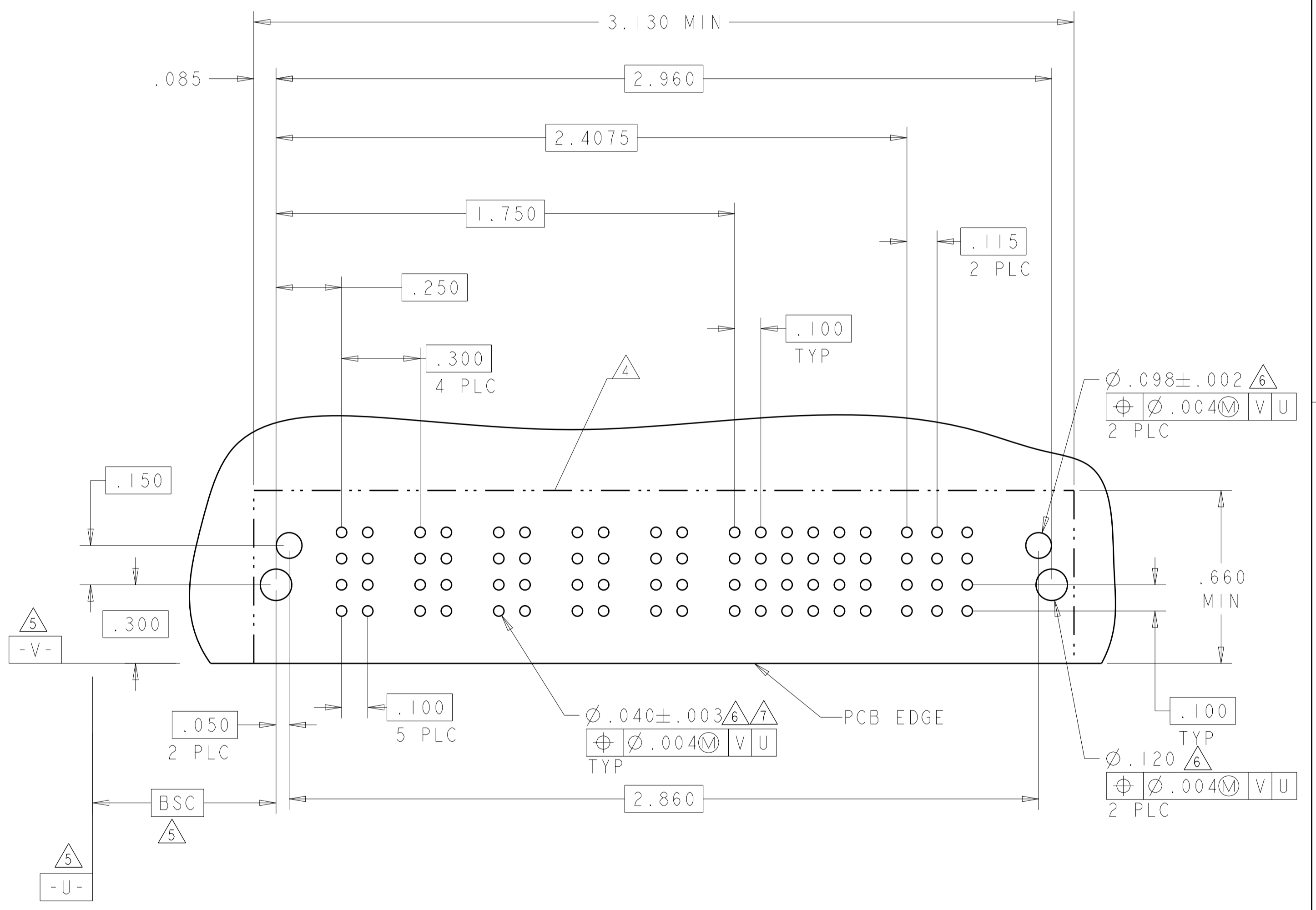
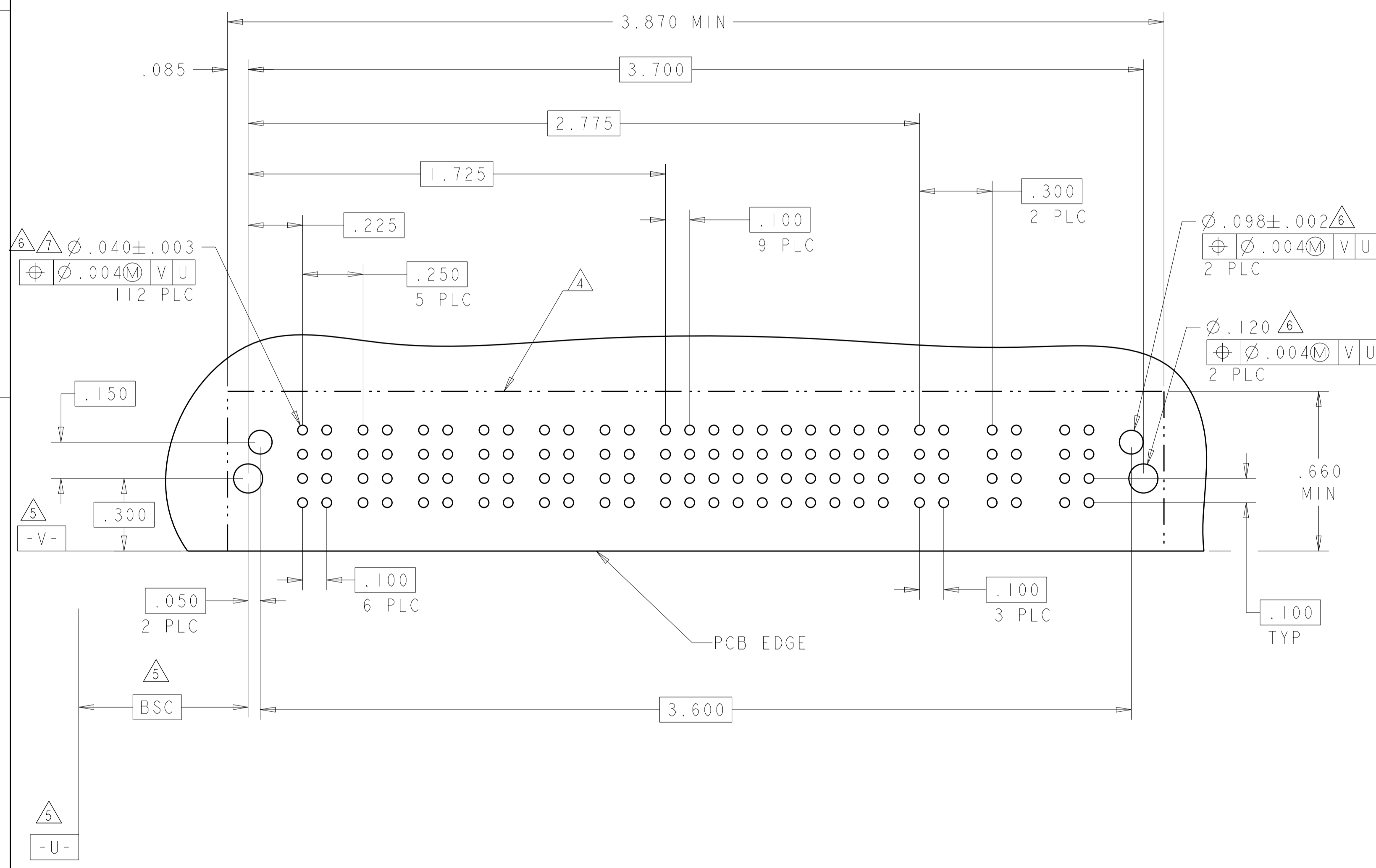
TE Connectivity

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|-------------|----|------|
| ES | 00 | REV | DATE | BY | APPV |
| | | 1 | SEE SHEET 1 | | |

| PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | | | | | POWER | | | |
|-----------------|------|-------|----|----|----|----|----|--------|---|---|---|---|---|-------|----|----|--|
| | | P1 | P2 | P3 | P4 | P5 | P6 | 1 | 2 | 3 | 4 | 5 | 6 | P7 | P8 | P9 | |
| 6-6450830-3 | D | | | | | | | J | J | J | J | J | J | | | | |
| | C | TM | TM | TM | TM | TM | TM | K | K | K | K | K | K | TM | TM | TM | |
| | B | | | | | | | N | N | N | N | N | N | | | | |
| | A | HD | | | | | | S | S | S | S | S | S | | | | |
| 6P + 40S + 3ACP | | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | SIGNAL | | | | | | POWER | | | |
|------------------|------|-------|----|----|----|----|--------|---|---|---|---|---|-------|-----|-----|-----|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | LP1 | LP2 | LP3 | LP4 |
| 6-6450830-6 | D | | | | | | J | J | J | J | J | J | | | | |
| | C | TM | TM | TM | TM | TM | K | K | K | K | K | K | LMF | LM | LM | |
| | B | | | | | | N | N | N | N | N | N | | | | |
| | A | HD | | | | | S | S | S | S | S | S | | | | |
| 5ACP + 24S + 4LP | | | | | | | | | | | | | | | | |

NO CONTACTS LOADED



| | | | |
|---|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | PRODUCT SPEC: 108-2292 |
| 0 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020 | | APPLICATION SPEC: 114-13251 | SIZE: A100779 |
| MATERIAL: - | | FINISH: - | WEIGHT: - |
| | | CUSTOMER DRAWING | SCALE: 4:1 SHEET 32 OF 42 REV: S2 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|----|------|
| ES | 00 | REV | DATE | BY | APPV |
| - | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | LOW POWER | | | | SIGNAL | | | | | | | | LOW POWER | | | | | | | | | |
|-------------|------|-----------|-----|-----|-----|--------|---|---|---|---|---|---|---|-----------|----|----|----|-----|-----|-----|-----|---|---|
| | | LP1 | LP2 | LP3 | LP4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | LP5 | LP6 | LP7 | LP8 | | |
| 6-6450830-8 | D | LMF | LM | LM | LM | J | J | J | J | J | J | J | J | J | J | J | J | LMF | LM | LM | LM | | |
| | C | | | | | K | K | K | K | K | K | K | K | K | K | K | K | | | | | K | |
| | B | | | | | N | N | N | N | N | N | N | N | N | N | N | N | | | | | N | N |
| | A | | | | | S | S | S | S | S | S | S | S | S | S | S | S | | | | | S | S |

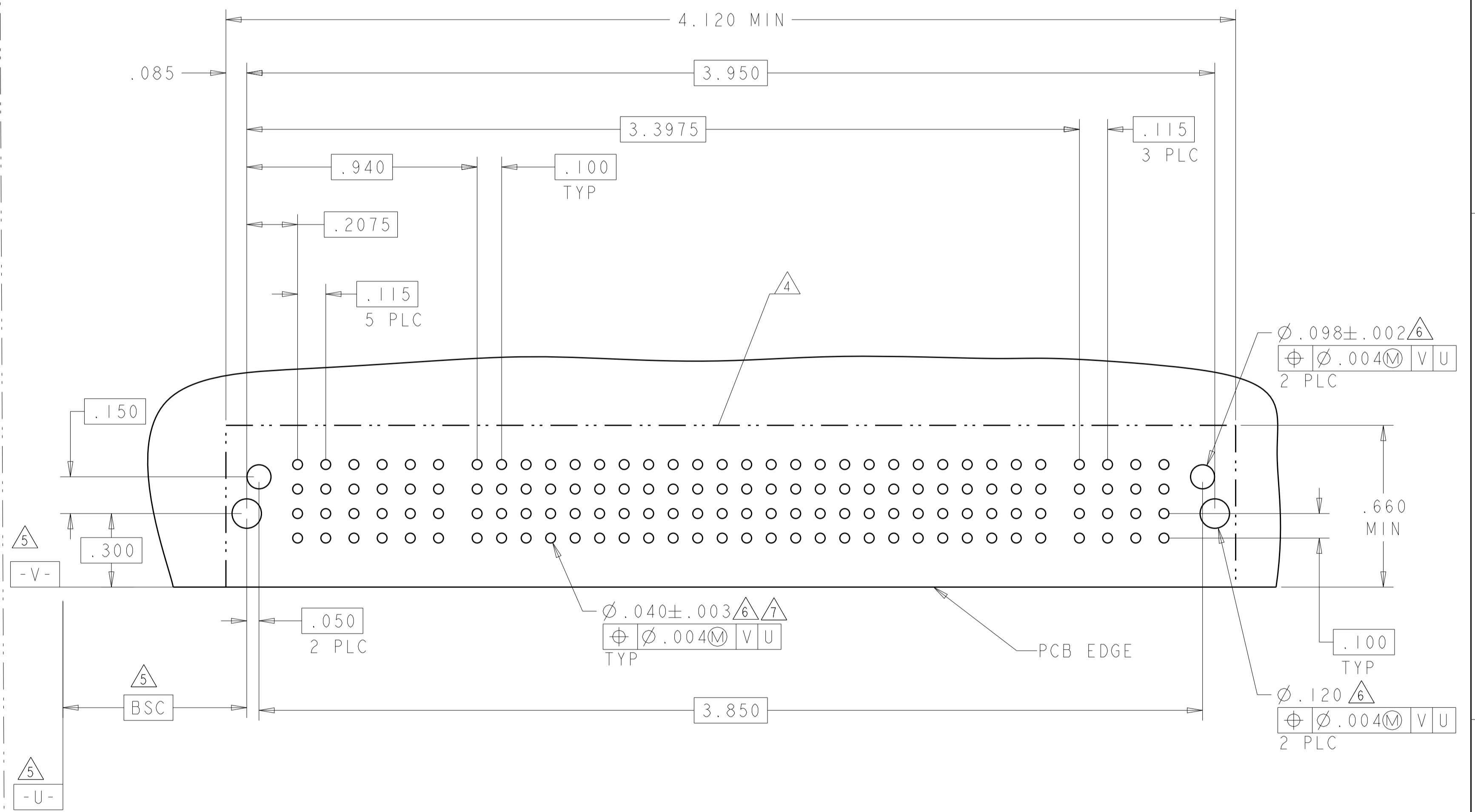
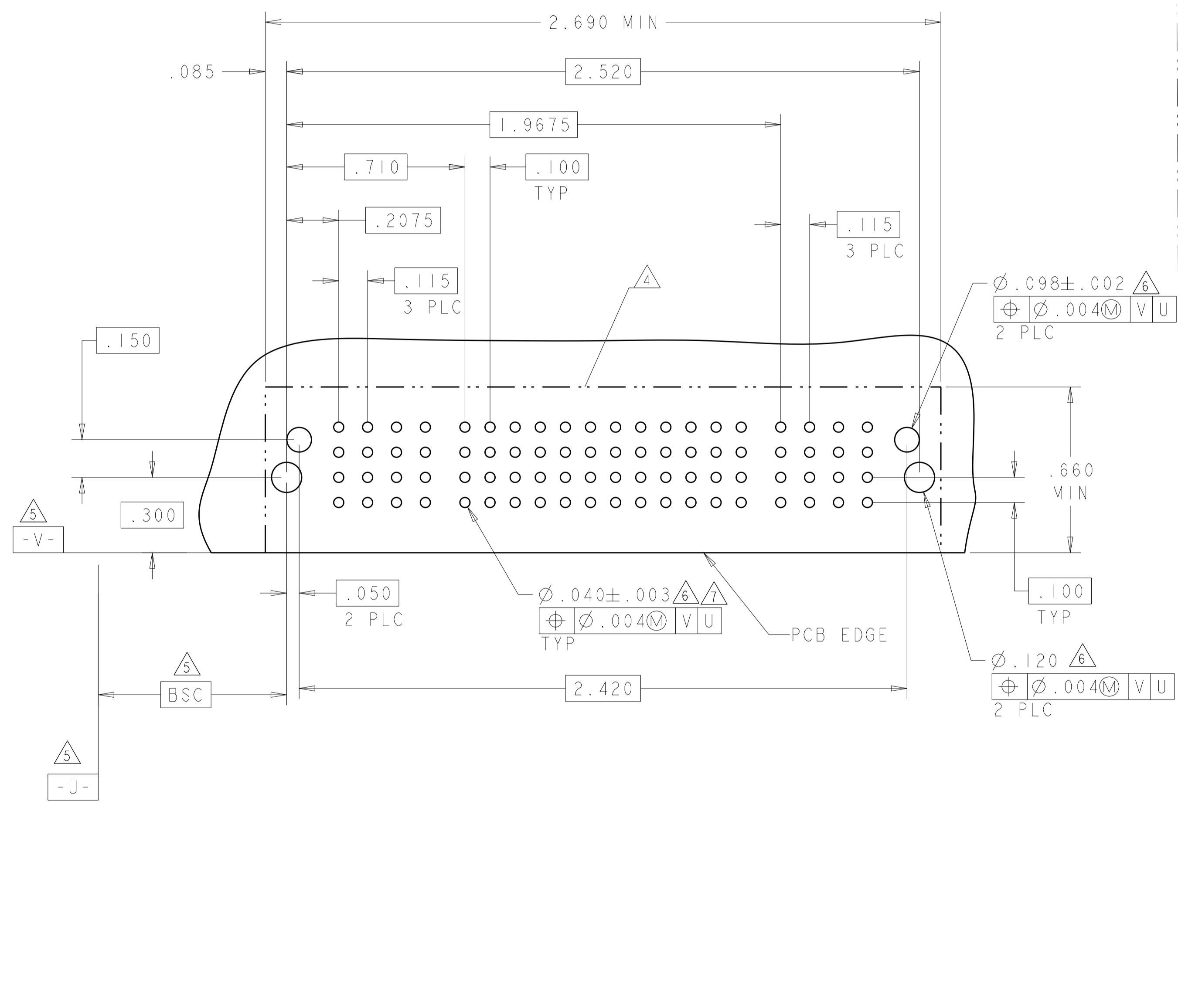
4LP + 48S + 4LP

| PART NUMBER | ROWS | LOW POWER | | | | | | SIGNAL | | | | | | | | | | | | | | | | LOW POWER | | | | | | | | | | | | | | | | | | |
|-------------|------|-----------|-----|-----|-----|-----|-----|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|-----|-----|------|---|-----|----|----|----|---|---|---|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | LP7 | LP8 | LP9 | LP10 | | | | | | | | |
| 6-6450830-9 | D | LMF | LM | LM | LM | LMF | LM | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | LMF | LM | LM | LM | | | |
| | C | | | | | | | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | | | | | K | K | |
| | B | | | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | N | N | N |
| | A | | | | | | | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | | | | | S | S | S |

6LP + 96S + 4LP

| PART NUMBER | ROWS | LOW POWER | | | | | | SIGNAL | | | | | | | | | | | | | | | | LOW POWER | | | | | | | | | | | | | | | | | | |
|-------------|------|-----------|-----|-----|-----|-----|-----|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|-----|-----|------|---|-----|----|----|----|---|---|---|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | LP7 | LP8 | LP9 | LP10 | | | | | | | | |
| 7-6450830-0 | D | LM | LM | LMF | LM | LM | LM | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | LMF | LM | LM | LM | | | |
| | C | | | | | | | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | | | | | K | K | |
| | B | | | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | N | N | N |
| | A | | | | | | | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | | | | | S | S | |

6LP + 96S + 4LP

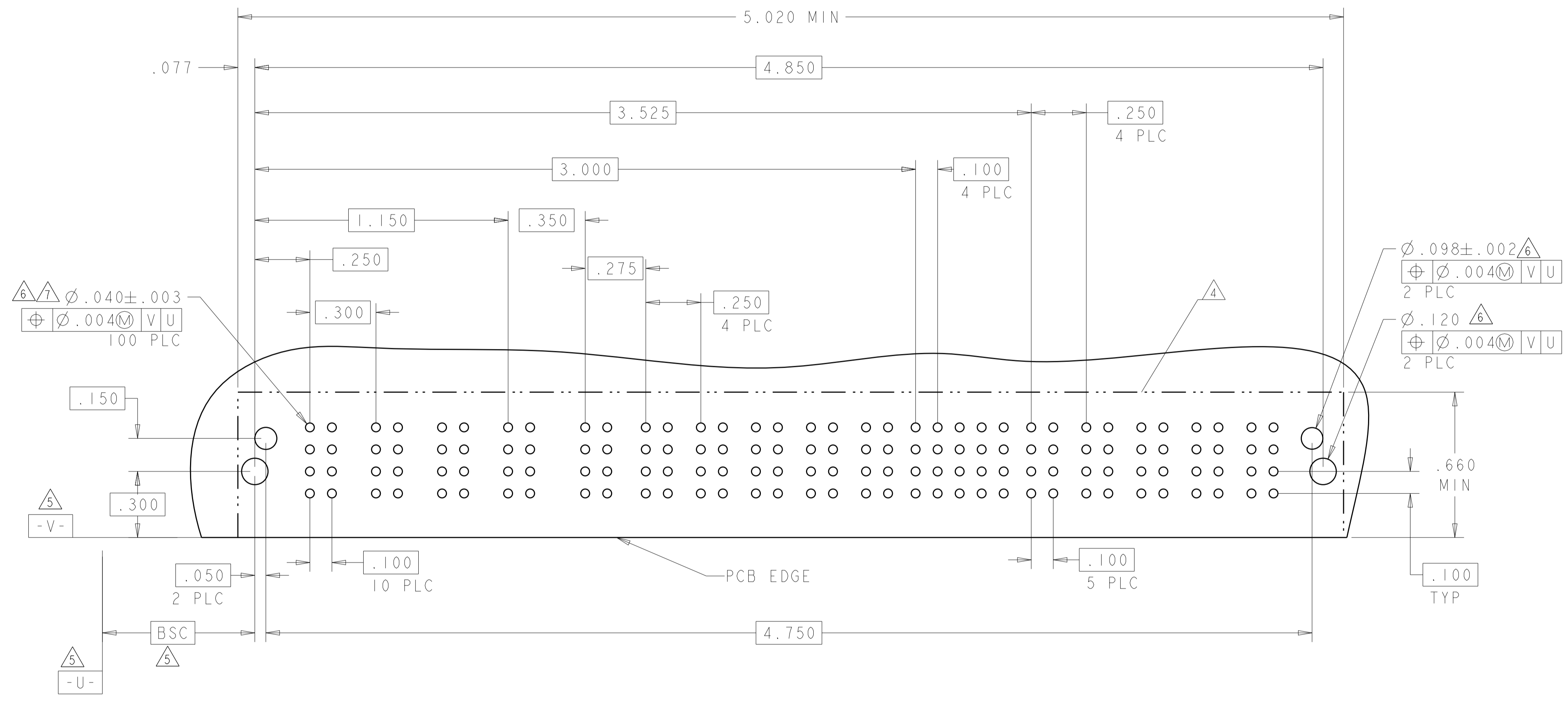
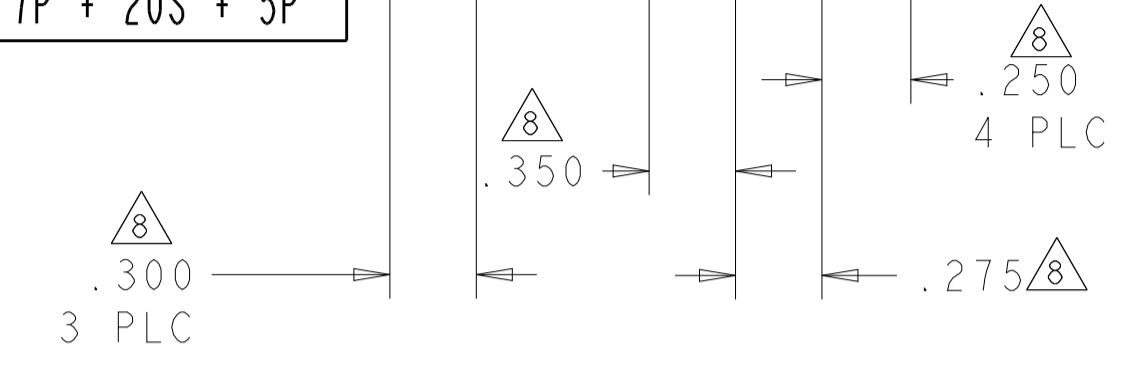


6-6450830-9 AND 7-6450830-9 PCB LAYOUT

| | | | |
|--|--|-----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020 | | PRODUCT SPEC: 108-2292 | SIZE: A1 |
| MATERIAL: . | | APPLICATION SPEC: 114-13251 | CAGE CODE: 6450830 |
| FINISH: . | | WEIGHT: . | RESTRICTED TO: . |
| | | CUSTOMER DRAWING | SCALE: 4:1 SHEET 34 OF 42 REV: S2 |

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

| PART NUMBER | ROWS | POWER | | | | | | | | | | SIGNAL | | | | | POWER | | | | | |
|----------------------|------------------|-------|----|----|----|----|----|----|----|----|-----|--------|---|---|---|---|-------|-----|-----|-----|-----|--|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | 1 | 2 | 3 | 4 | 5 | P11 | P12 | P13 | P14 | P15 | |
| 7-6450830-1 | D C B A | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | J | J | J | J | J | TM | TM | TM | TM | TM | |
| | | | | | | | | | | | | K | K | K | K | K | | | | | | |
| | | | | | | | | | | | | N | N | N | N | N | | | | | | |
| 3ACP + 7P + 20S + 5P | | | | | | | | | | | | S | S | S | S | S | | | | | | |

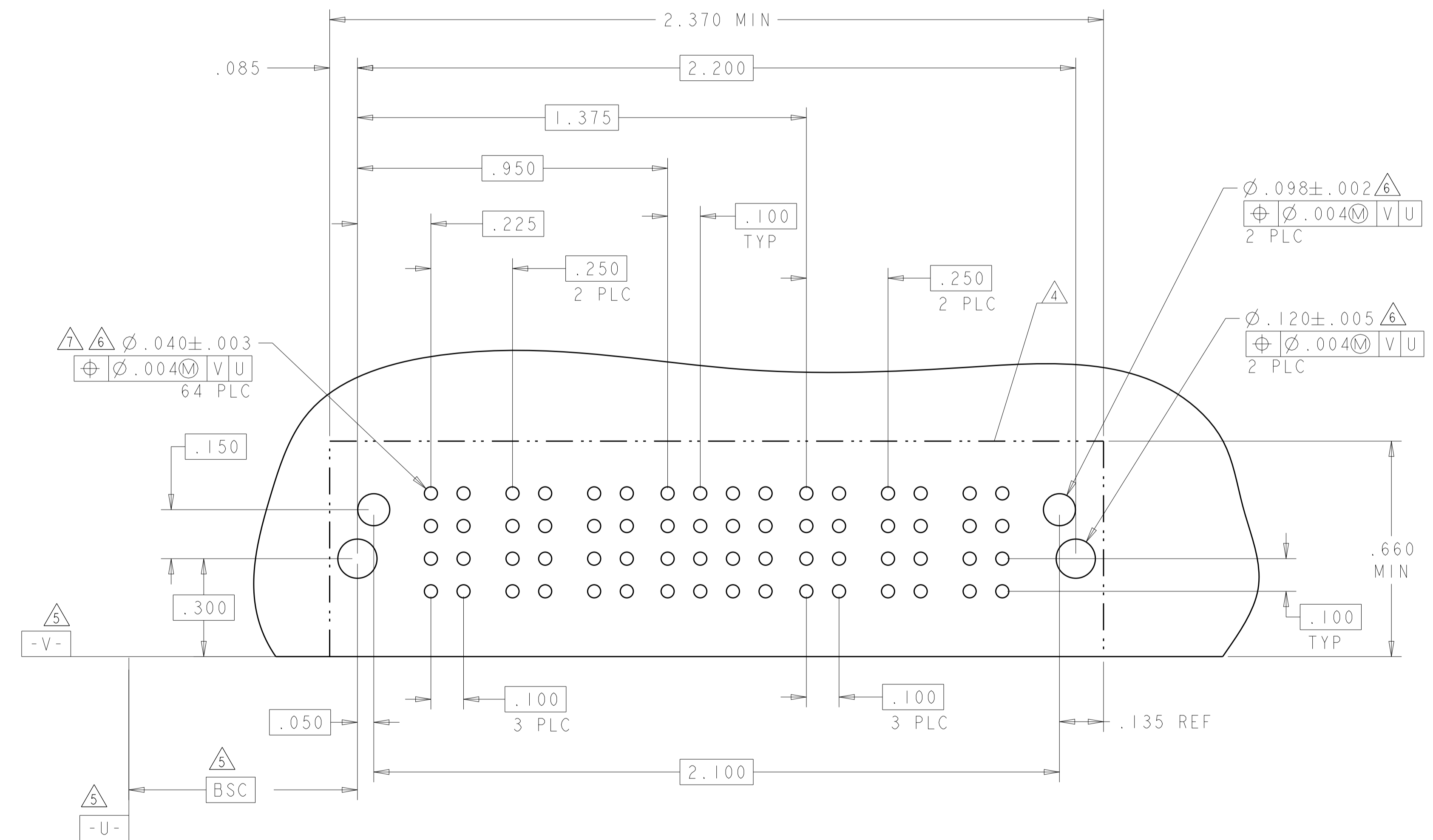
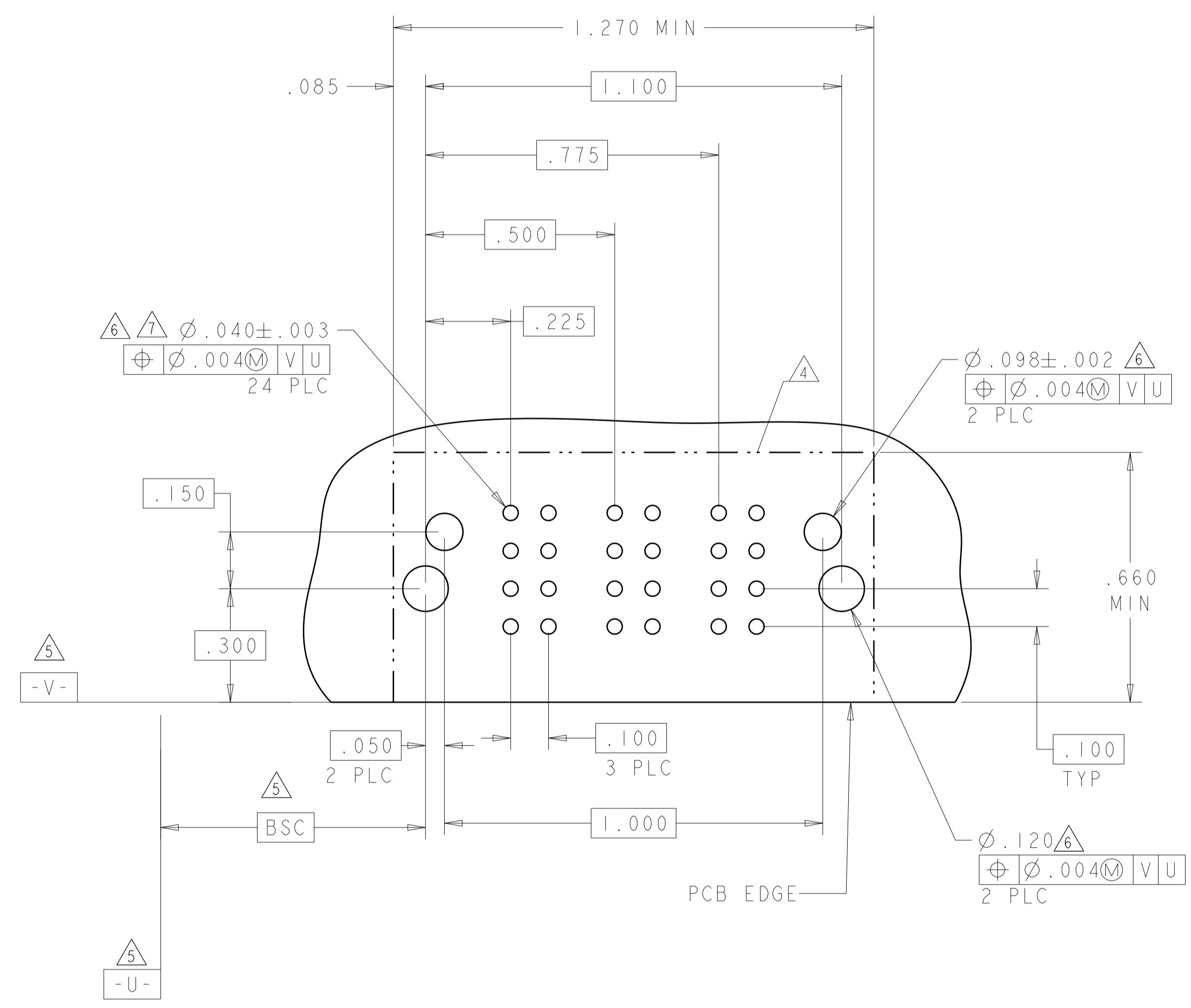


| | | | |
|--|--|-----------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: S.ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S.ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7° | | APVD: S.ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| MATERIAL: - | | FINISH: - | RESTRICTED TO: - |
| CUSTOMER DRAWING | | SCALE: 4:1 | SHEET 35 OF 42 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | OWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | SIGNAL | | POWER | |
|--------------|------------------|-------|----|------------------|------------------|-------|----|
| | | P1 | P2 | 1 | 2 | P1 | P2 |
| 7-6450830-2 | D C B A | TM | | J K N S | J K N S | TM | |
| IP + 8S + IP | | | | | | | |

| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | POWER | | |
|---------------|------------------|-------|----|----|------------------|------------------|------------------|------------------|-------|----|----|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | P4 | P5 | P6 |
| 7-6450830-3 | D C B A | TM | TM | TM | J K N S | J K N S | J K N S | J K N S | TM | TM | TM |
| 3P + 16S + 3P | | | | | | | | | | | |



| | | | |
|--|----------------|-----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC ± .01 | 1 PLC ± .01 | PRODUCT SPEC: 108-2292 | SIZE: A100779 |
| 2 PLC ± .01 | 3 PLC ± .005 | APPLICATION SPEC: 114-13251 | CAGE CODE: C=6450830 |
| 4 PLC ± .0020 | ANGLES ± .0020 | WEIGHT: - | RESTRICTED TO: - |
| MATERIAL: - | | FINISH: - | CUSTOMER DRAWING |
| | | SCALE: 4:1 | SHEET 36 OF 42 |
| | | REV: S2 | |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|-------------|----|------|
| ES | 00 | REV | DATE | BY | APPV |
| | | 1 | SEE SHEET 1 | | |

R3

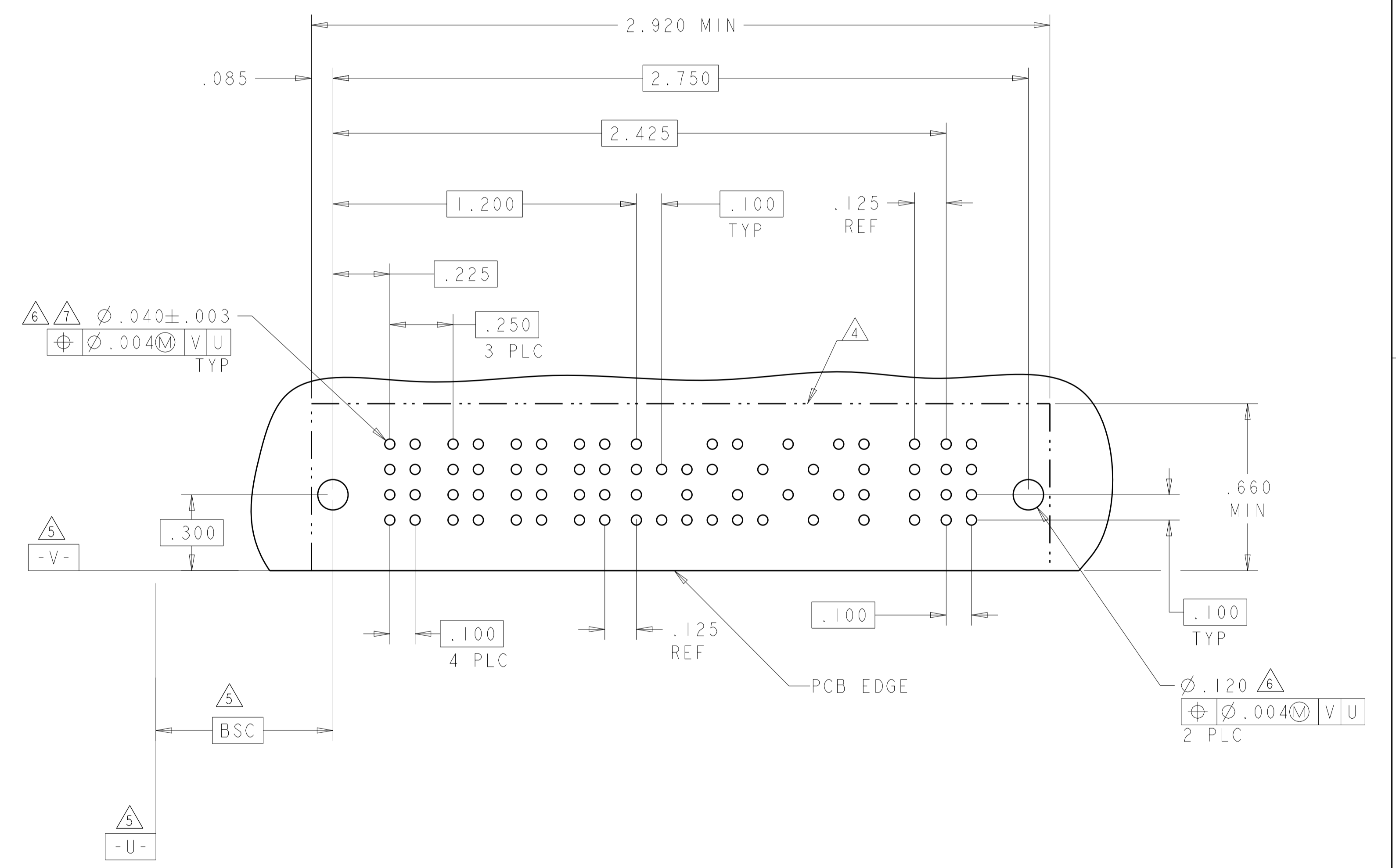
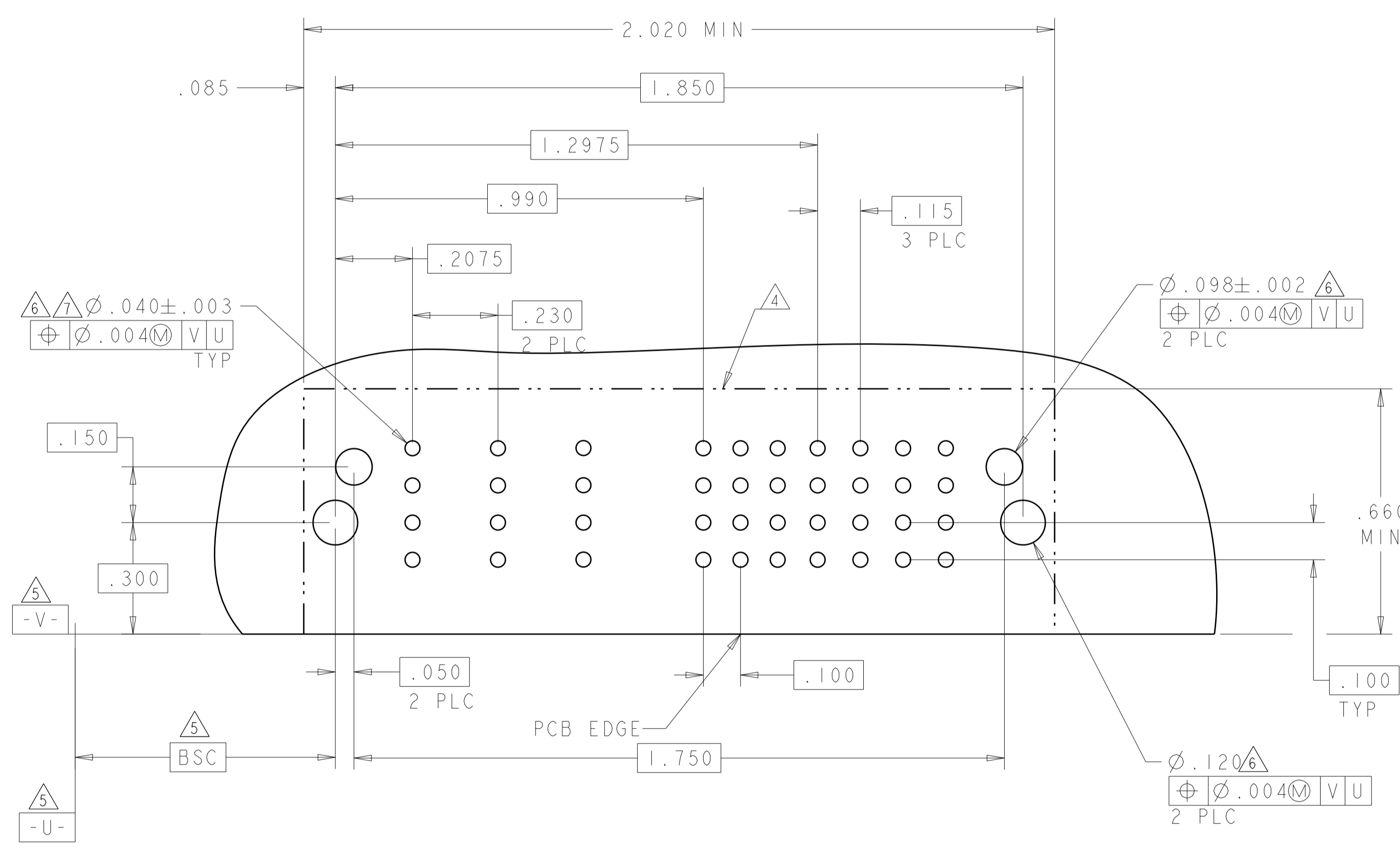
| PART NUMBER | ROWS | LOW POWER | | | SIGNAL | | | LOW POWER | | | | HD |
|-------------|------|-----------|-----|-----|--------|---|---|-----------|-----|-----|-----|----|
| | | LP1 | LP2 | LP3 | 1 | 2 | 3 | LP4 | LP5 | LP6 | LP7 | |
| 7-6450830-6 | D | LM | LM | LM | J | J | J | LM | LM | LM | LM | HD |
| | C | | | | K | K | K | | | | | |
| | B | | | | N | N | N | | | | | |
| | A | | | | S | S | S | | | | | |

3LP + 12S + 4LP

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | | | POWER | | | | | |
|-------------|------|-------|----|----|----|--------|---|---|---|---|---|---|---|-------|----|----|----|----|----|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | P4 | |
| 7-6450830-7 | D | TM | TM | TM | TM | E | | | E | J | J | J | J | J | J | J | J | J | TM |
| | C | | | | | F | F | F | F | K | K | K | F | F | F | | | | |
| | B | | | | | G | G | N | N | N | G | N | N | | | | | | |
| | A | | | | | H | H | H | H | H | S | H | H | | | | | | |

4P + 48S + 1P

BLANK SIGNAL PINS ARE UNLOADED PINS

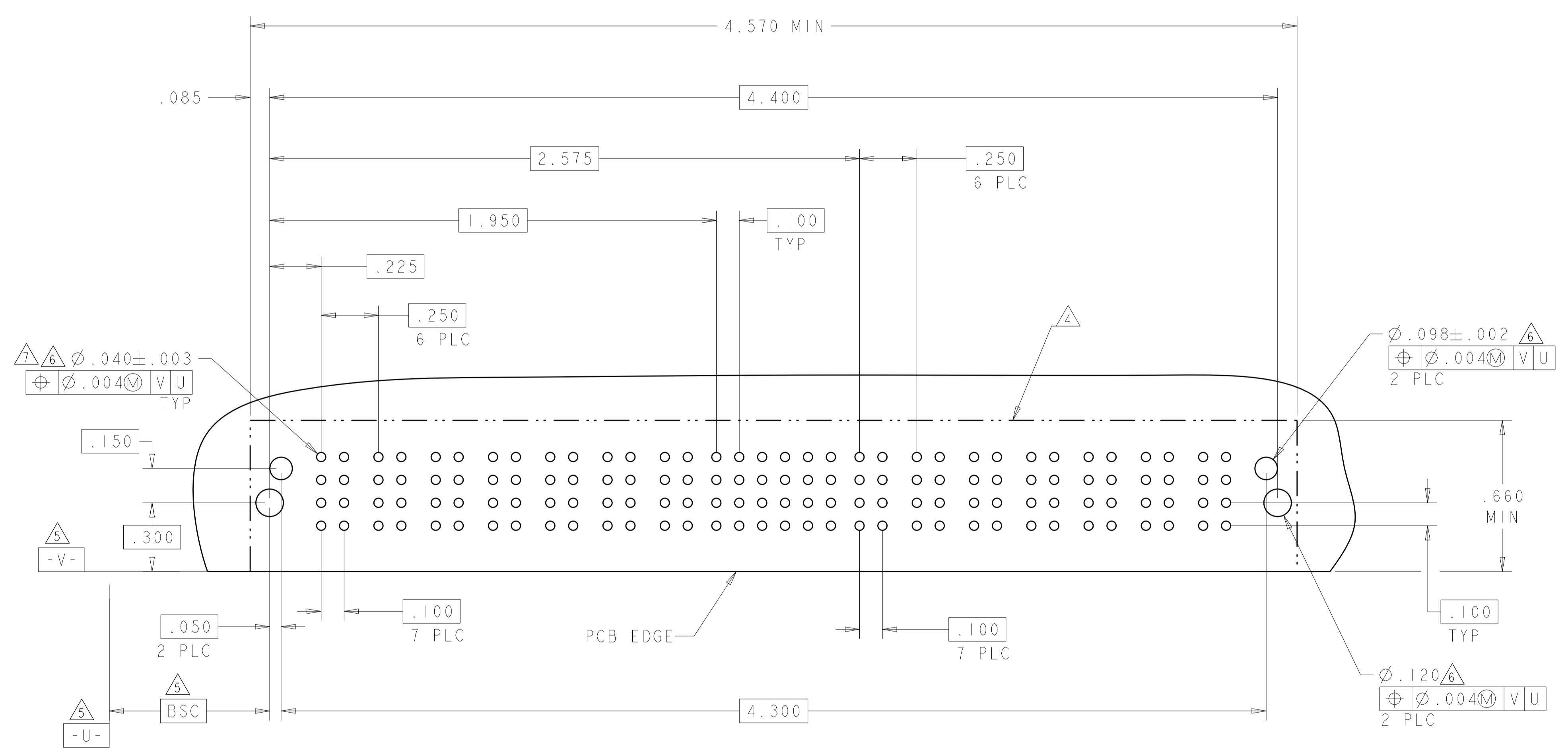


| | | | |
|---|--|-----------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. ZHAO | NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 0 PLC $\pm .01$ 1 PLC $\pm .01$ 2 PLC $\pm .01$ 3 PLC $\pm .005$ 4 PLC $\pm .005$ ANGLES $\pm .0020$ | | PRODUCT SPEC: 108-2292 | SIZE: A100779 |
| MATERIAL: - | | APPLICATION SPEC: 114-13251 | CAGE CODE: C=6450830 |
| FINISH: - | | WEIGHT: - | RESTRICTED TO: - |
| | | CUSTOMER DRAWING | SCALE: 4:1 SHEET 37 OF 42 REV: S2 |

| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-------------|------|-----|------|
| ES | 00 | P | LTN | DESCRIPTION | DATE | DMN | APVD |
| | | - | | SEE SHEET 1 | | | |
| | | | | | | | |
| | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | | POWER | | | | | | | | | | | | | |
|-------------|------|-------|----|----|----|----|----|----|--------|---|---|---|---|---|-------|----|-----|-----|-----|-----|-----|--|--|--|--|--|--|----|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | | | | | | | |
| 7-6450830-9 | D | | | | | | | | E | E | E | E | E | E | | | | | | | | | | | | | | |
| | C | | | | | | | | F | F | F | F | F | F | | | | | | | | | | | | | | |
| | B | | | | | | | | G | G | G | G | G | G | | | | | | | | | | | | | | |
| | A | HD | | | | | | | H | H | H | H | H | H | | | | | | | | | | | | | | HD |

7P + 24S + 7P

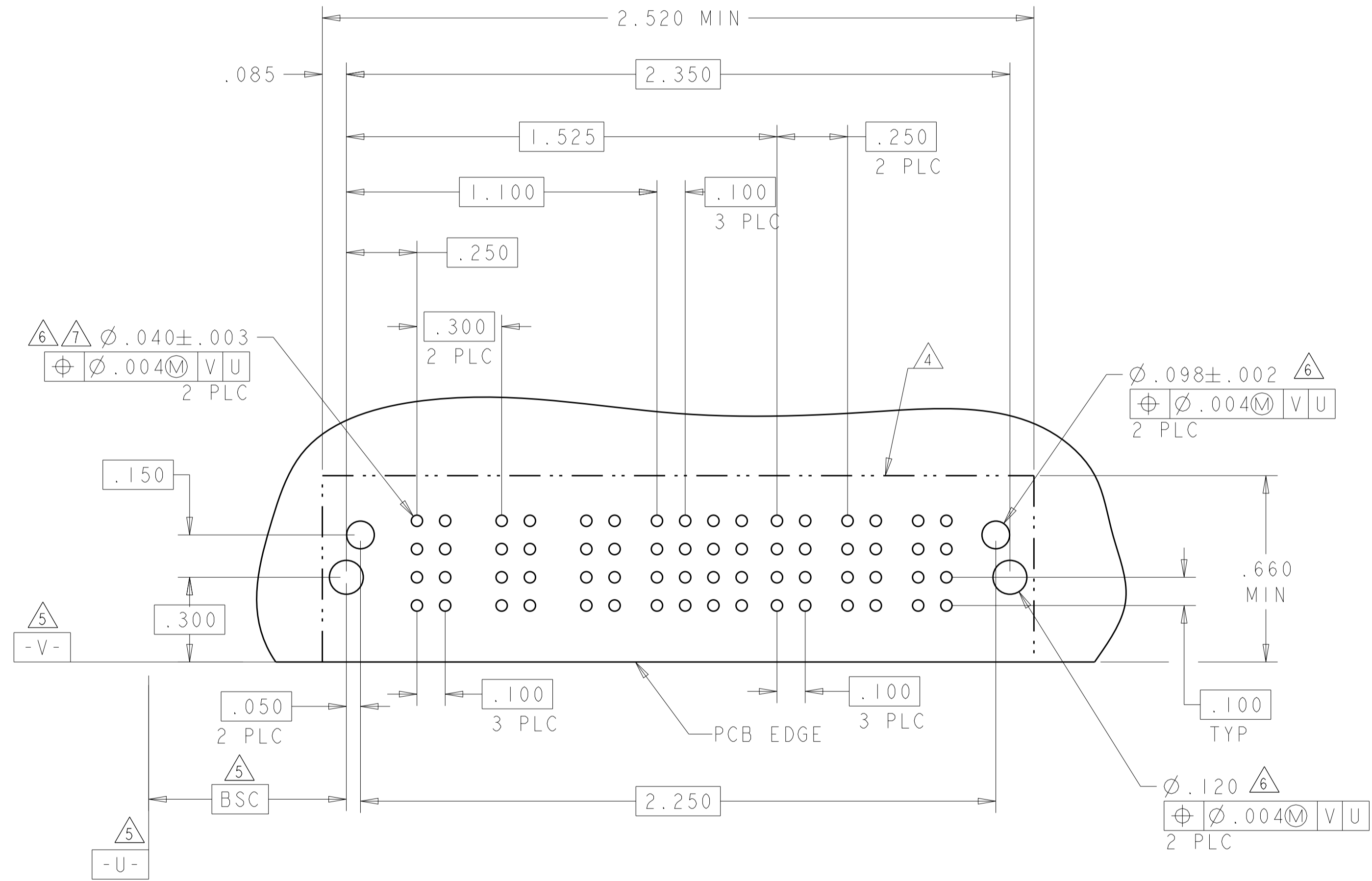


| | | | |
|--|--|----------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN S.ZHAO 10APR2007 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK S.ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S.ZHAO | NAME |
| 0 PLC ±.01 | | PRODUCT SPEC | RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 1 PLC ±.01 | | APPLICATION SPEC | SIZE CAGE CODE DRAWING NO |
| 2 PLC ±.01 | | 114-13251 | RESTRICTED TO |
| 3 PLC ±.005 | | WEIGHT | A100779C=6450830 |
| 4 PLC ±.0020 | | CUSTOMER DRAWING | SCALE 4:1 SHEET 39 OF 42 REV S2 |
| ANGLES ±.2° | | | |
| FINISH | | | |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |

| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | POWER | | |
|-------------|------------------|-------|----|----|--------|---|---|---|-------|----|----|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | P4 | P5 | P6 |
| 8-6450830-0 | D C B A | TM | TM | TM | J | J | J | J | TM | TM | TM |
| | | | | | K | K | K | K | | | |
| | | | | | N | N | N | N | | | |
| | | | | | S | S | S | S | | | |

3ACP + 16S + 3P

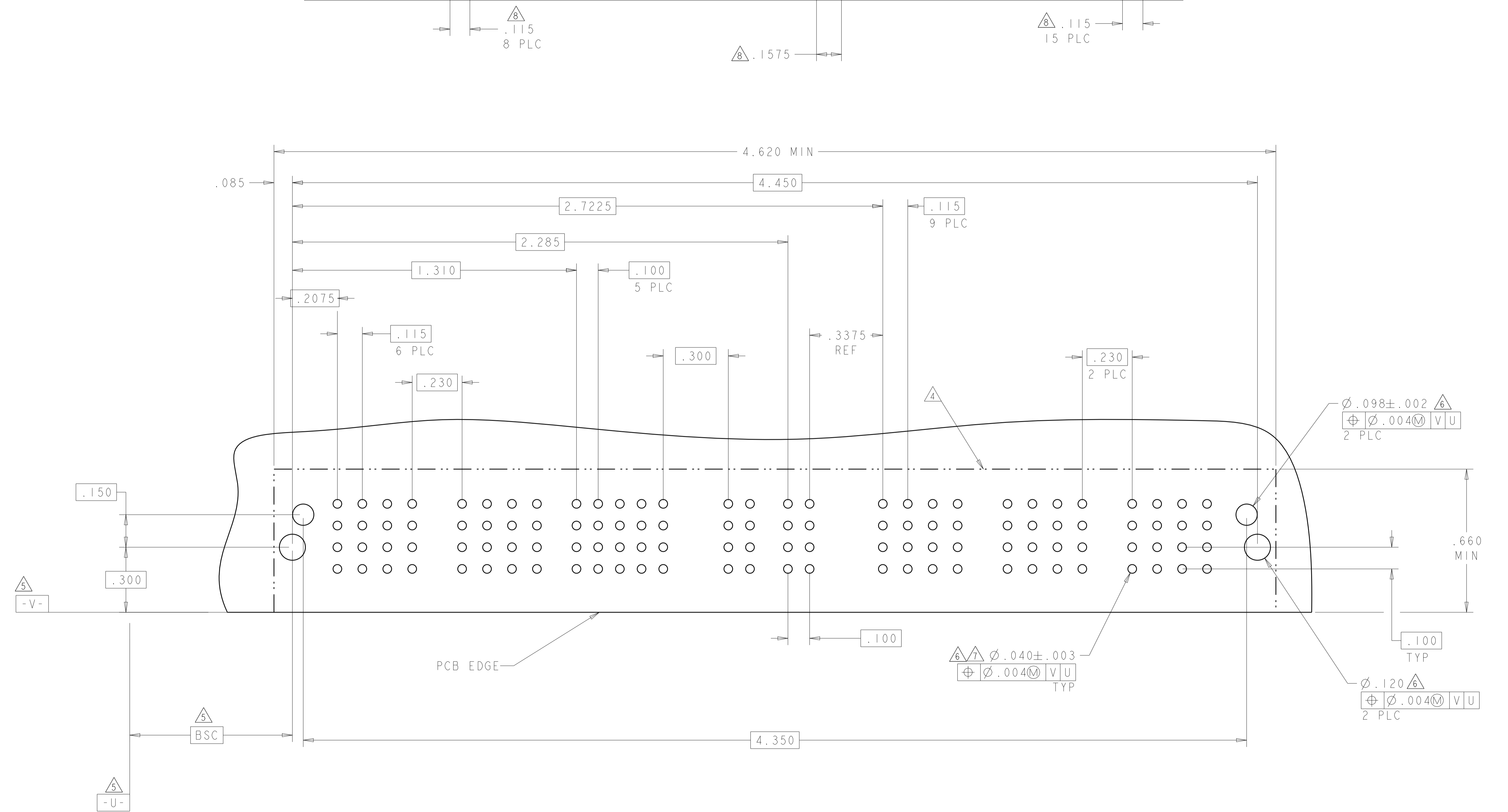


| | | | | | | | | | | | | | |
|---|--------|-------------------------------|---|-------|------|-------|------|-------|-------|-------|--------|--------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. ZHAO 10APR2007 | TE Connectivity | | | | | | | | | | |
| DIMENSIONS: INCHES | | CHK S. ZHAO 10APR2007 | | | | | | | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S. ZHAO | NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE | | | | | | | | | | |
| <table border="1"> <tr> <td>0 PLC</td> <td>±</td> </tr> <tr> <td>1 PLC</td> <td>±.01</td> </tr> <tr> <td>2 PLC</td> <td>±.01</td> </tr> <tr> <td>3 PLC</td> <td>±.005</td> </tr> <tr> <td>4 PLC</td> <td>±.0020</td> </tr> </table> | | 0 PLC | ± | 1 PLC | ±.01 | 2 PLC | ±.01 | 3 PLC | ±.005 | 4 PLC | ±.0020 | PRODUCT SPEC 108-2292 | RESTRICTED TO |
| 0 PLC | ± | | | | | | | | | | | | |
| 1 PLC | ±.01 | | | | | | | | | | | | |
| 2 PLC | ±.01 | | | | | | | | | | | | |
| 3 PLC | ±.005 | | | | | | | | | | | | |
| 4 PLC | ±.0020 | | | | | | | | | | | | |
| MATERIAL | | APPLICATION SPEC 114-13251 | SIZE A100779 | | | | | | | | | | |
| FINISH | | WEIGHT | CAGE CODE 6450830 | | | | | | | | | | |
| CUSTOMER DRAWING | | SCALE 4:1 | SHEET 41 OF 42 | | | | | | | | | | |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|-------------|----|------|
| ES | 00 | REV | DATE | BY | APPD |
| | | 1 | SEE SHEET 1 | | |

| PART NUMBER | ROWS | LOW POWER | | | | | | | | SIGNAL | | | | | | | | | POWER | LOW POWER | | | | | | | | | | | | | | |
|-------------|------|-----------|-----|-----|-----|-----|-----|-----|-----|--------|---|---|---|---|---|---|---|---|-------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | LP8 | LP9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P1 | LP10 | LP11 | LP12 | LP13 | LP14 | LP15 | LP16 | LP17 | LP18 | LP19 | LP20 | LP21 | LP22 | LP23 |
| 8-6450830-2 | D | | | | | | | | | E | E | E | E | E | - | - | E | E | TM | | | | | | | | | | | | | | | |
| | C | LM | LM | LM | LMF | - | LMF | LM | LM | F | F | F | F | F | - | - | F | F | | | | LML | LML | LML | LML | | | | | | | | | |
| | B | | | | | | | | | G | G | G | G | G | - | - | G | G | | | | | | | | | | | | | | | | |
| | A | HD | | | | | | | | H | H | H | H | H | - | - | H | H | | | | | | | | | | | | | | | | |

- NO CONTACTS LOADED



| | | | |
|--|--|-----------------------|---|
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| DIMENSIONS: INCHES | | CHK S. ZHAO 10APR2007 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S. ZHAO | NAME |
| 0 PLC ± | | PRODUCT SPEC | RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE |
| 1 PLC ±.01 | | APPLICATION SPEC | |
| 2 PLC ±.005 | | 114-13251 | |
| 3 PLC ±.0020 | | WEIGHT | |
| 4 PLC ±.0020 | | CUSTOMER DRAWING | |
| ANGLES ±.0020 | | SCALE 4:1 | SHEET 42 OF 42 |
| MATERIAL | | REV S2 | |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.