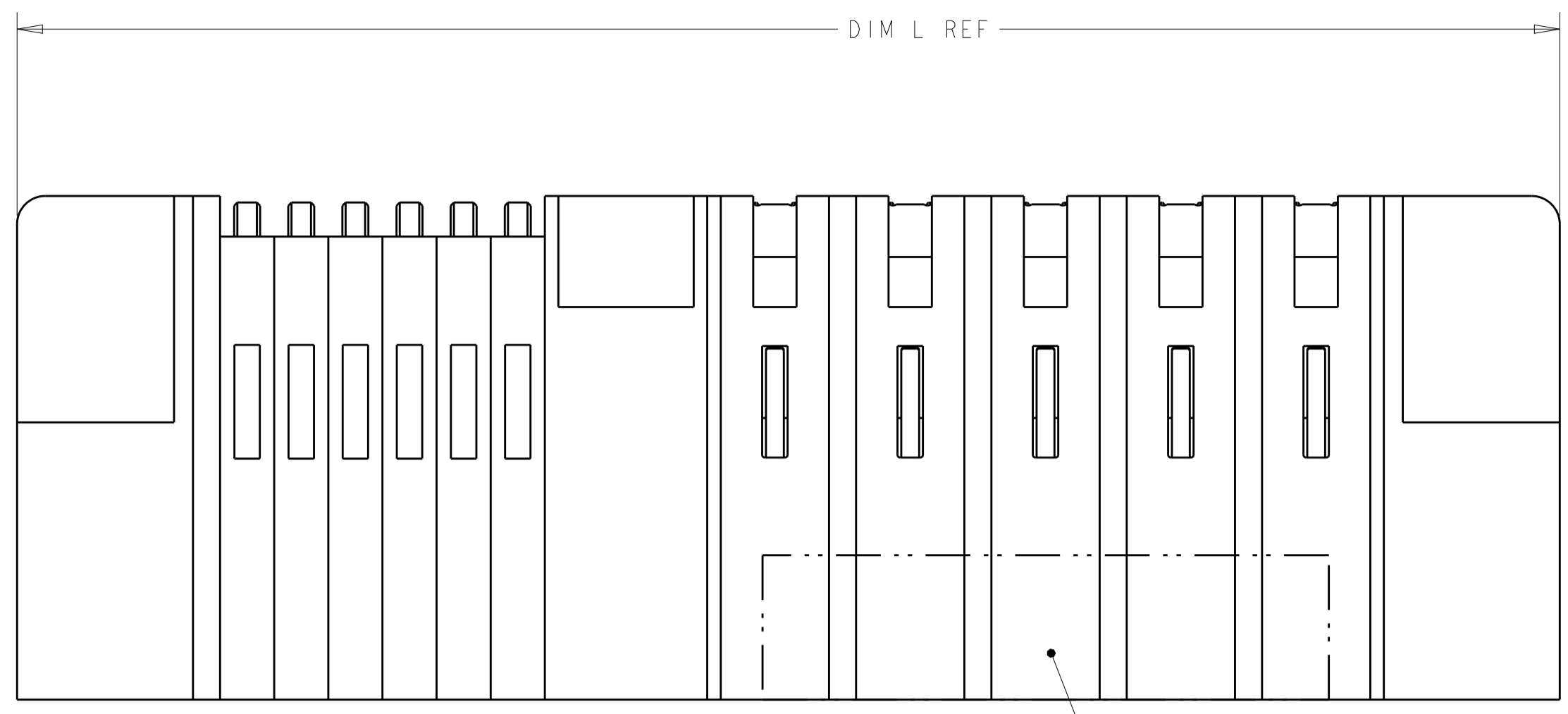
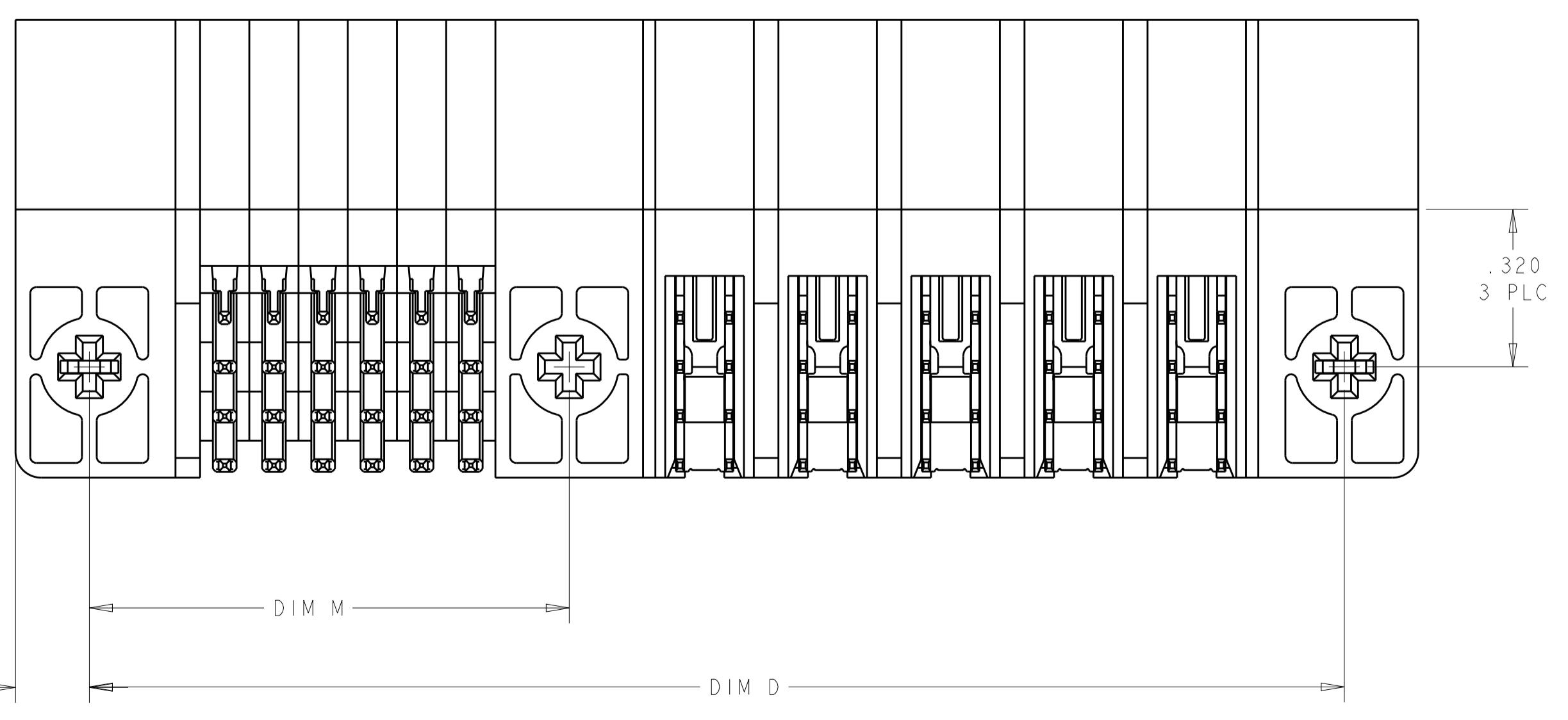
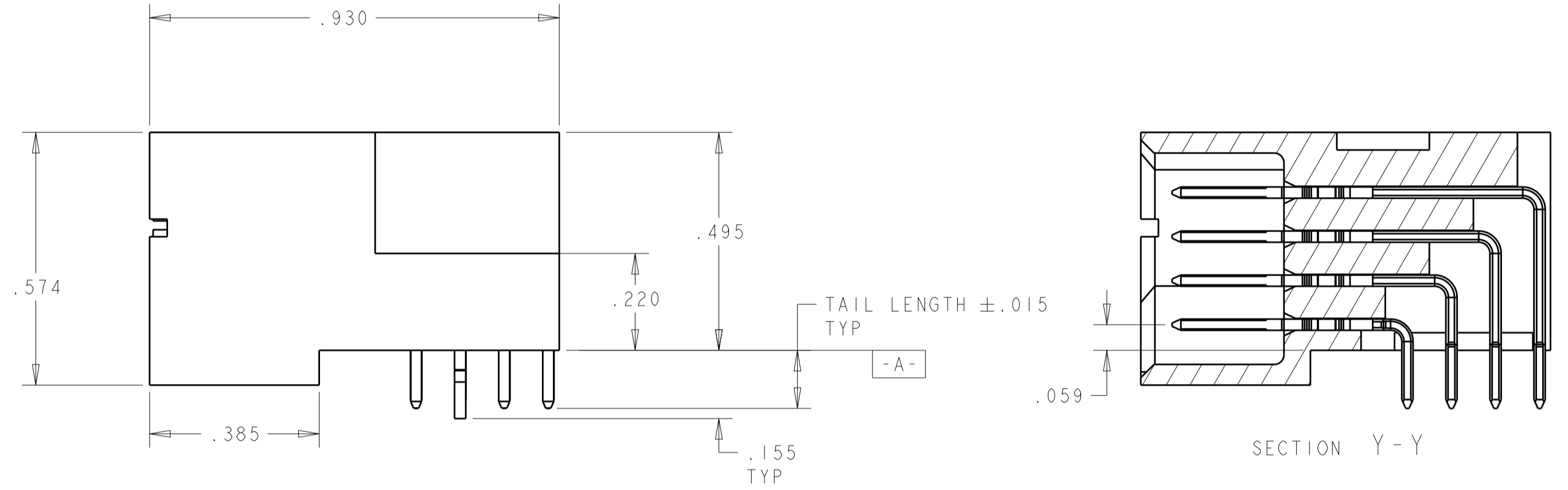
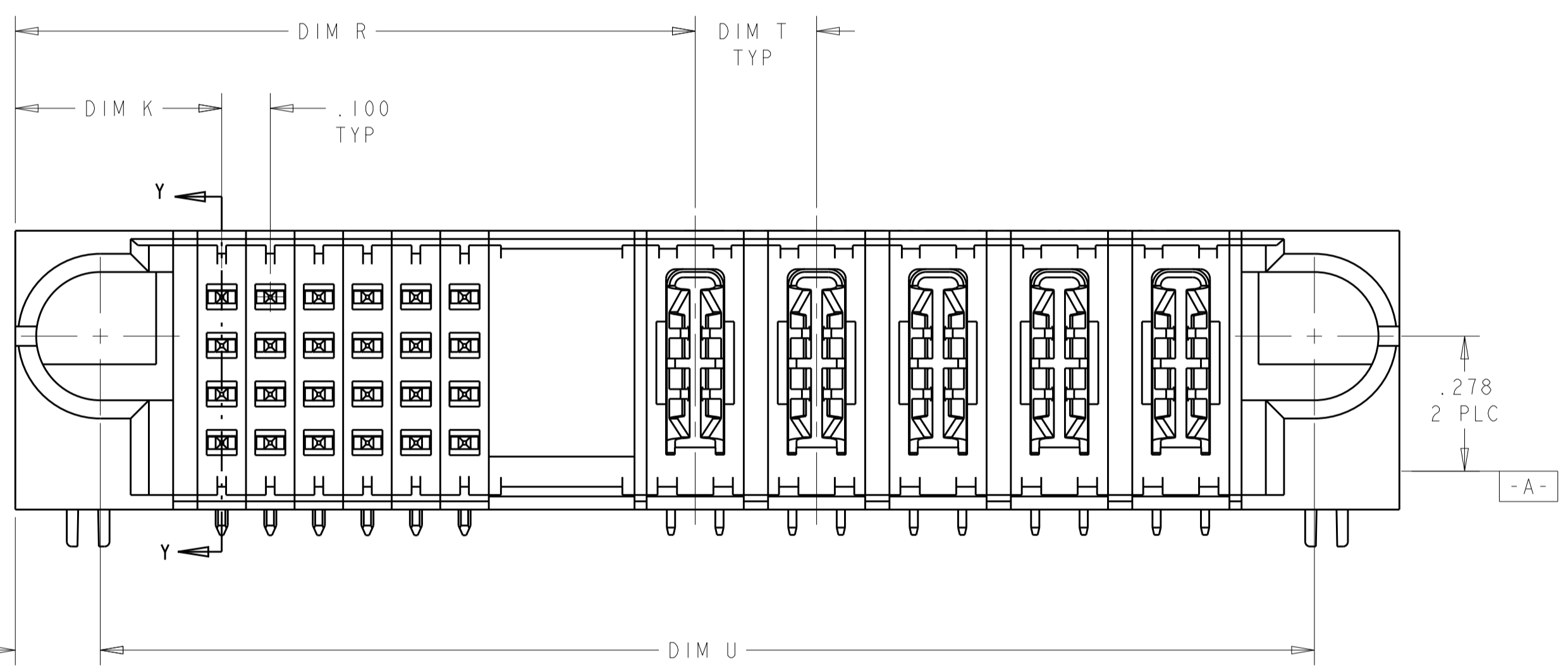


| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-------------------------|-----------|-----------|------|--|--|
| P | LTN | DESCRIPTION | DATE | DMN | APVD | | |
| G | | ADD NEW DASH NUMBER 2-8 | 15DEC2014 | CZ | SZ | | |
| G1 | | ADD NEW DASH NUMBER 2-9 | 13FEB2015 | CZ | SZ | | |
| G2 | | REV PER ECO-17-013298 | 11SEP2017 | WY | SZ | | |



1. CENTER MODULE OPTION AVAILABLE
2. "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
3. MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
4. CONTACT PLATING:
NOBLE METAL PLATED ON THE CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS.
5. MECHANICAL CONNECTOR KEEP OUT ZONE.
6. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
7. PCB-ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
8. PCB- .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE
9. VARIABLE DIMENSION, SEE SHEET 2
10. FOR DETAIL DIMENSION ,PLEASE REFER TO TABLE



| | | | | |
|--|--|---------------------|-----------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN R.GRZYBOWSKI | 02FEB05 | STE TE Connectivity |
| DIMENSIONS: INCHES | | CHK M.PERCHEKKE | 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD M.PERCHEKKE | NAME | RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| 0 PLC ±.01 | | PRODUCT SPEC | 108-1973 | |
| 1 PLC ±.01 | | APPLICATION SPEC | 114-13038 | SIZE CAGE CODE DRAWING NO |
| 2 PLC ±.005 | | FINISH | 114-13038 | RESTRICTED TO |
| 3 PLC ±.0020 | | ANGLE | 114-13038 | A100779C=6450121 |
| 4 PLC ±.0020 | | WEIGHT | | SCALE N/A SHEET 1 OF 13 REV G2 |
| MATERIAL | | CUSTOMER DRAWING | | |

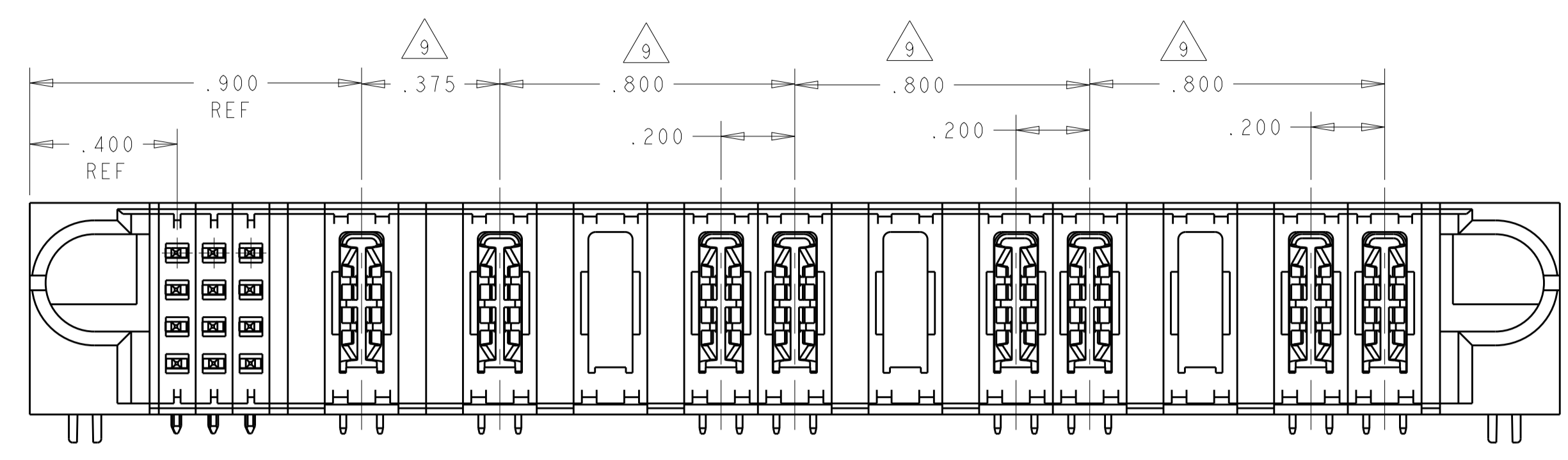
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
 © COPYRIGHT 20 TE CONNECTIVITY ALL RIGHTS RESERVED.

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

| DIM U | DIM T | DIM M | DIM R | DIM D | DIM K | DIM L | DESCRIPTION | PART NUMBER |
|-------|----------|-------|-------|-------|-------|-------|-------------|-------------|
| 1.125 | - | - | - | 1.175 | .400 | 1.475 | 32S | 3-6450121-0 |
| .800 | - | - | - | .850 | .375 | 1.150 | 20S | 2-6450121-9 |
| 1.875 | - | - | - | 1.875 | .400 | 2.175 | 60S | 2-6450121-8 |
| 2.950 | .200 | - | 1.050 | 3.000 | .375 | 3.300 | 24S + 10P | 2-6450121-7 |
| 2.650 | .250 | - | 1.050 | 2.700 | .375 | 3.000 | 24S + 7P | 2-6450121-5 |
| 2.400 | .250 | - | 1.050 | 2.450 | .375 | 2.750 | 24S + 6P | 2-6450121-4 |
| 2.900 | .250 | - | 1.050 | 2.950 | .375 | 3.250 | 24S + 8P | 2-6450121-3 |
| 2.000 | - | - | - | 2.050 | .375 | 2.350 | 68S | 2-6450121-2 |
| 1.100 | - | - | - | 1.150 | .375 | 1.450 | 32S | 2-6450121-1 |
| 6.075 | .200 | - | 1.375 | 6.125 | .375 | 6.425 | 36S + 24P | 2-6450121-0 |
| 4.025 | Δ | - | 2.125 | 4.075 | .375 | 4.375 | 60S + 8P | 1-6450121-9 |
| 2.925 | .200 | - | 1.025 | 2.975 | .375 | 3.275 | 24S + 10P | 1-6450121-8 |
| 2.400 | .250 | - | 1.050 | 2.450 | .375 | 2.750 | 24S + 6P | 1-6450121-6 |
| 1.700 | .250 | - | .850 | 1.750 | .375 | 2.050 | 16S+4P | 1-6450121-5 |
| 3.325 | - | - | - | 3.375 | .400 | 3.675 | 120S | 1-6450121-3 |
| 4.400 | .250 | - | 1.050 | 4.450 | .375 | 4.750 | 24S + 14P | 1-6450121-2 |
| 1.900 | .250 | - | 1.050 | 1.950 | .375 | 2.250 | 24S + 4P | 1-6450121-1 |
| 1.800 | .250 | - | .950 | 1.850 | .375 | 2.150 | 20S + 4P | 1-6450121-0 |
| 1.800 | .250 | - | .950 | 1.850 | .375 | 2.150 | 20S + 4P | 6450121-4 |
| 1.850 | .300 | - | 1.125 | 1.900 | .375 | 2.200 | 24S + 3ACP | 6450121-3 |
| 2.400 | .250 | - | 1.050 | 2.450 | .375 | 2.750 | 24S + 6P | 6450121-2 |
| 3.800 | Δ | - | .900 | 3.850 | .400 | 4.150 | 12S + 11P | 6450121-1 |

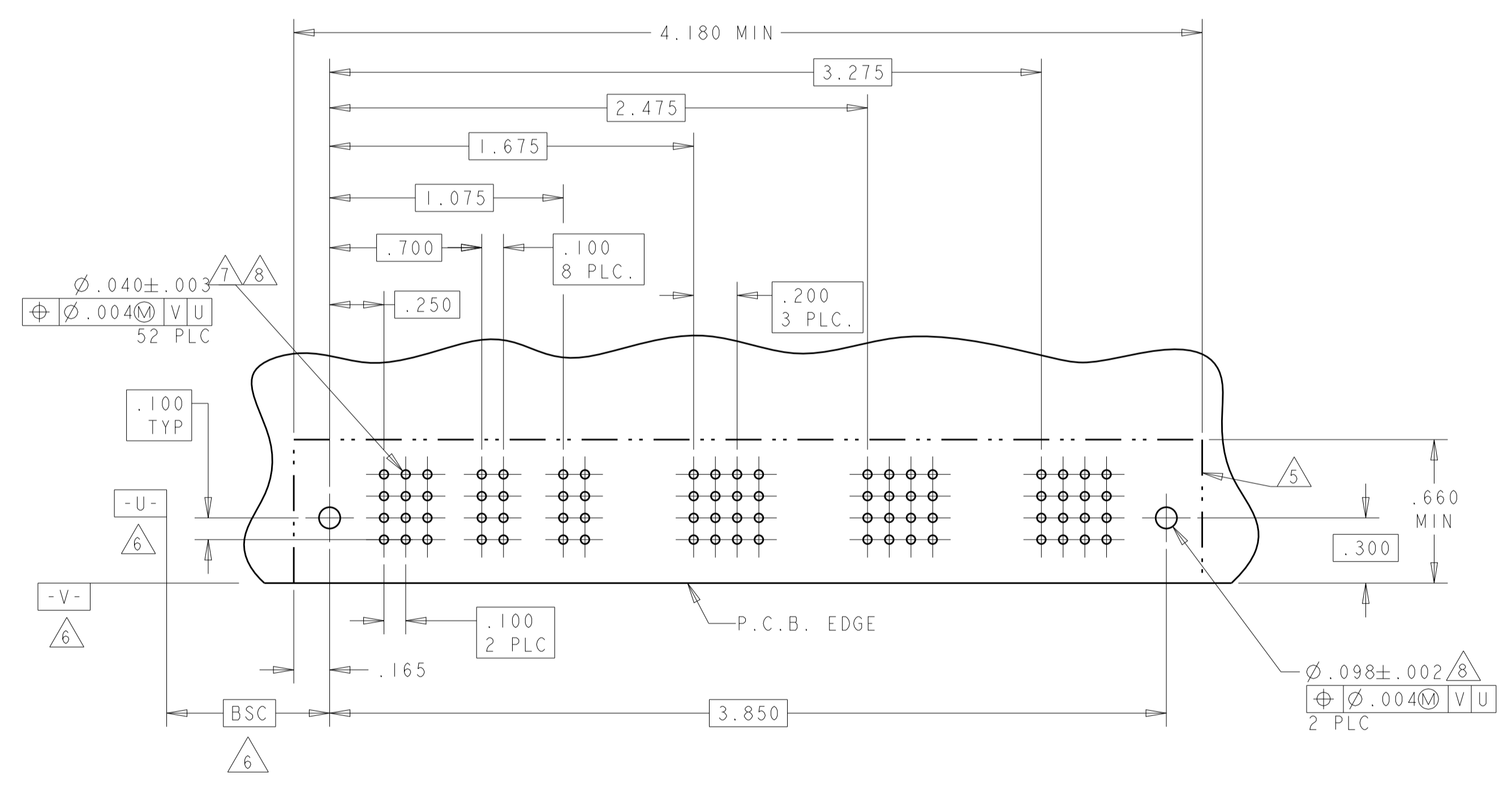
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|--|--|---|---|----------------------|--------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN R. GRZYBOWSKI CHK M. PERCHERKE | 02FEB05 02FEB05 | | TE Connectivity |
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD M. PERCHERKE | NAME RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL | | PRODUCT SPEC 108-1973 |
| MATERIAL | FINISH | WEIGHT | SIZE A100779 | CAGE CODE 6450121 | DRAWING NO 6450121 |
| CUSTOMER DRAWING | | | SCALE N/A | SHEET 2 | OF 13 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|------|----|------|
| ES | 00 | REV | DATE | BY | APPV |
| | | 1 | | | |
| | | 2 | | | |



SCALE 3:1

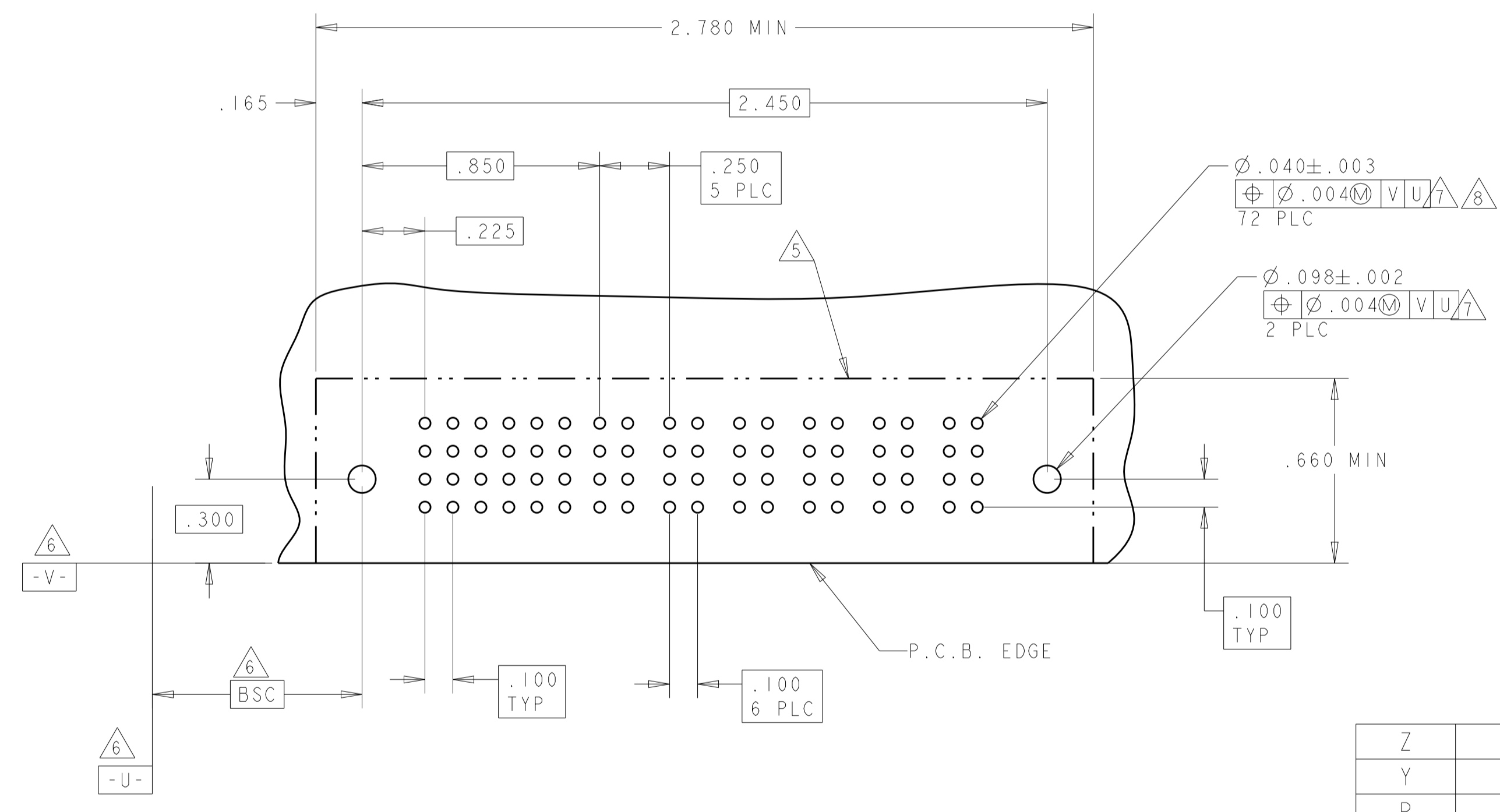
| PART NUMBER | ROWS | SIGNAL | | | POWER | | | | | | | | | | | | | |
|-------------|------------------|--------|---|---|-------|----|----|----|----|----|----|----|----|-----|-----|--|----|----|
| | | 1 | 2 | 3 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | | | |
| 6450121-1 | D C B A | J | J | J | PM | PM | | PM | PM | | PM | PM | | PM | PM | | PM | PM |
| 12S + 11P | | K | K | K | | | | | | | | | | | | | | |
| | | N | N | N | | | | | | | | | | | | | | |
| | | S | S | S | | | | | | | | | | | | | | |



| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | | |
|-------------|------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 | |
| 6450121-2 | D C B A | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM | |
| 24S + 6P | | K | K | K | K | K | K | | | | | | | |
| | | N | N | N | N | N | N | | | | | | | |
| | | S | S | S | S | S | S | | | | | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | |
|-------------|------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 |
| 2-6450121-4 | D C B A | J | J | J | J | J | J | | PM | PM | PM | PM | |
| 24S + 6P | | K | K | K | K | K | K | | | | | | |
| | | N | N | N | N | N | N | | | | | | |
| | | S | S | S | S | S | S | | | | | | |

NO CONTACTS LOADED



6450121-2 & 2-6450121-4 RECOMMENDED PCB LAYOUT

| CODE | MATING SEQUENCE | TAIL LENGTH | ROW |
|------|-----------------|-------------|-----|
| Z | STD | .090 | D |
| Y | STD | .090 | C |
| R | STD | .090 | B |
| O | STD | .090 | A |
| E | MLBF | .135 | D |
| F | MLBF | .135 | C |
| G | MLBF | .135 | B |
| H | MLBF | .135 | A |
| J | STD | .135 | D |
| K | STD | .135 | C |
| N | STD | .135 | B |
| S | STD | .135 | A |

| CODE | TAIL LENGTH |
|------|-------------|
| PA | .090 |
| PM | .135 |

| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: R. GRZYBOWSKI 02FEB05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| 0 PLC ±.01 | | PRODUCT SPEC: 108-1973 | |
| 1 PLC ±.01 | | APPLICATION SPEC: 114-13038 | SIZE: A100779 C=6450121 |
| 2 PLC ±.005 | | WEIGHT: - | |
| 3 PLC ±.002 | | FINISH: - | CUSTOMER DRAWING |
| 4 PLC ±.0020 | | SCALE: N/A | |
| ANGLES: ±.020 | | SHEET: 3 OF 13 | REV: G2 |

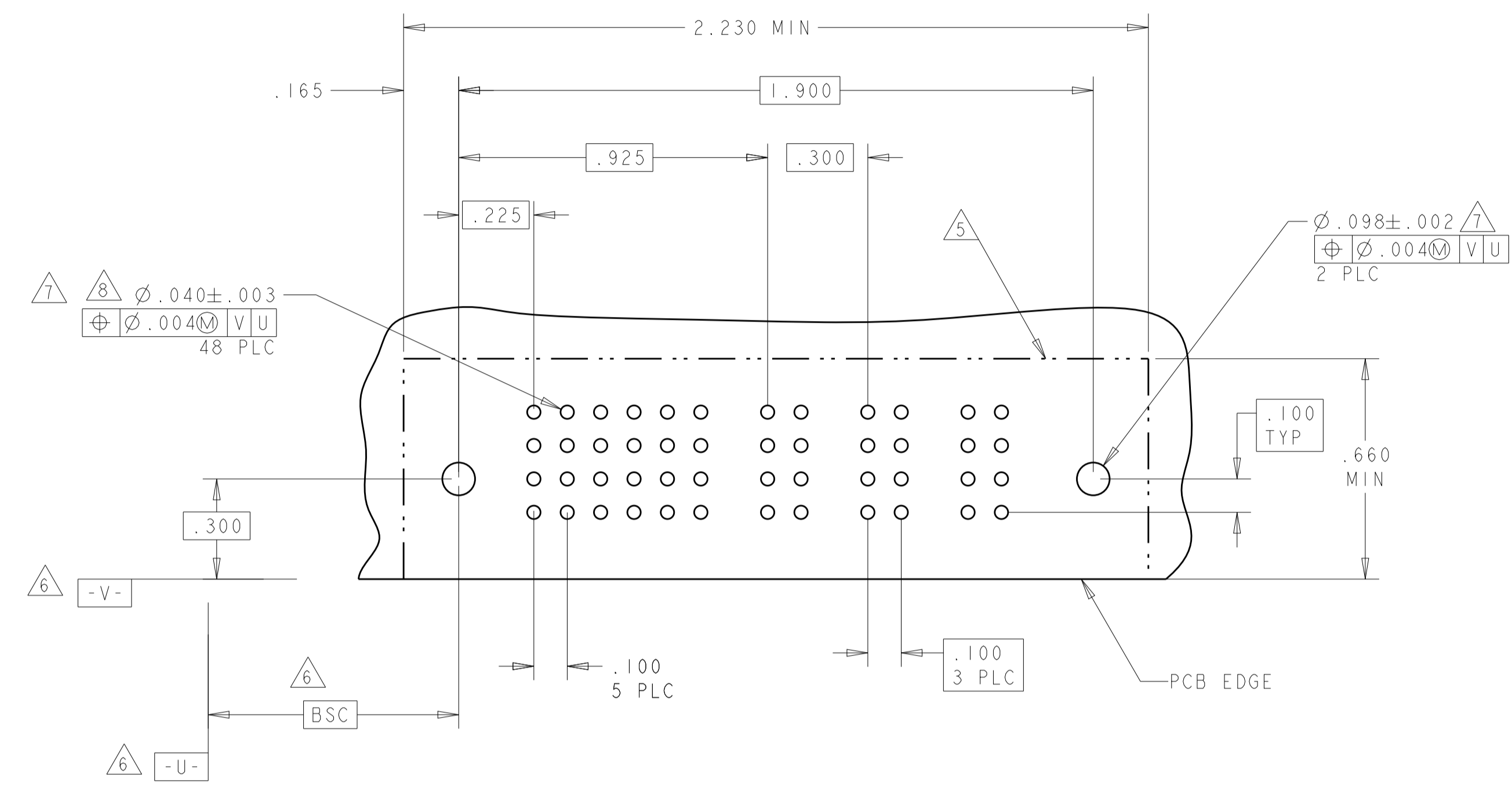
| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-------------|------|-----|------|
| ES | 00 | P | LTN | DESCRIPTION | DATE | OWN | APVD |
| | | | | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | |
|-------------|------|--------|---|---|---|---|---|-------|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 |
| 6450121-3 | D | J | J | J | J | J | J | PM | PM | PM |
| | C | K | K | K | K | K | K | | | |
| | B | N | N | N | N | N | N | | | |
| | A | S | S | S | S | S | S | | | |
| 24S + 3ACP | | HD | | | | | | | | HD |

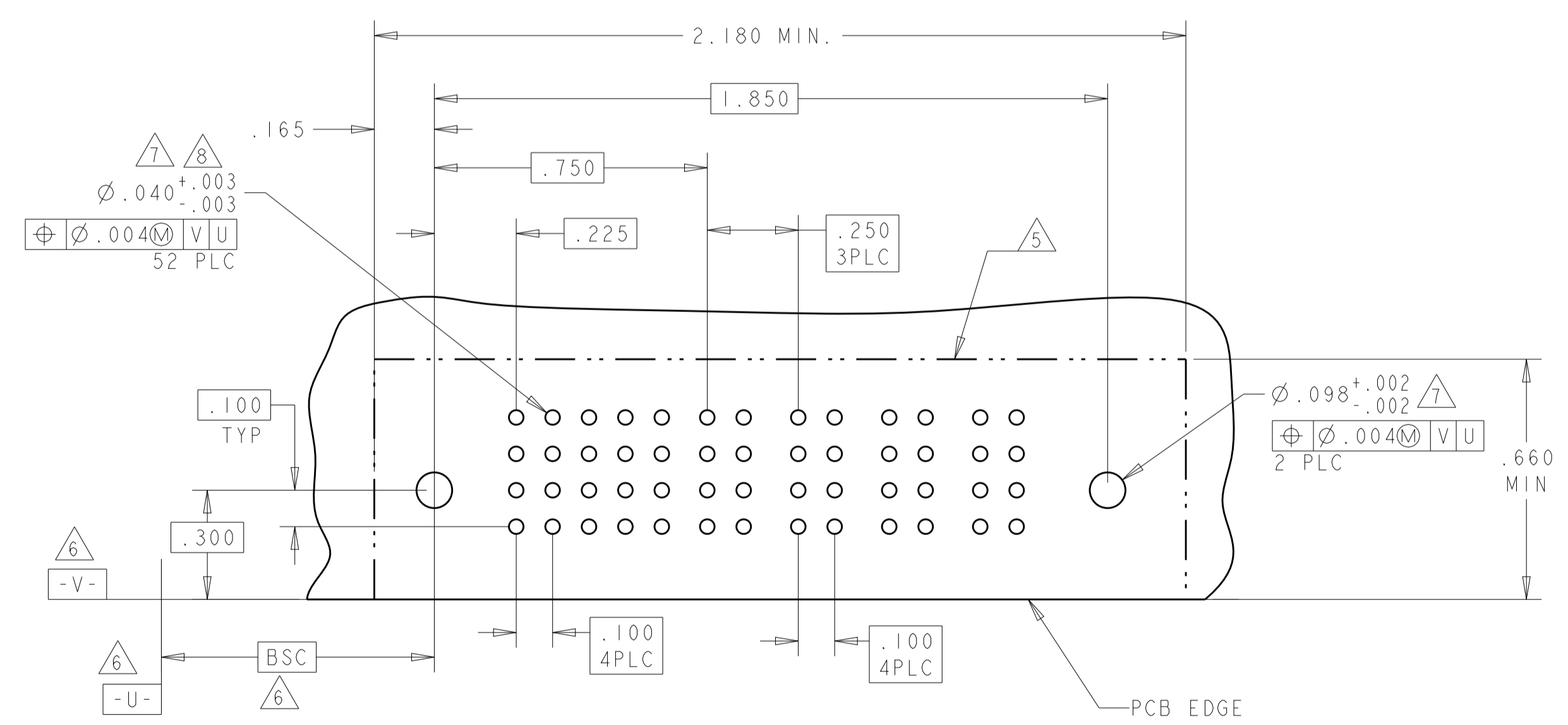
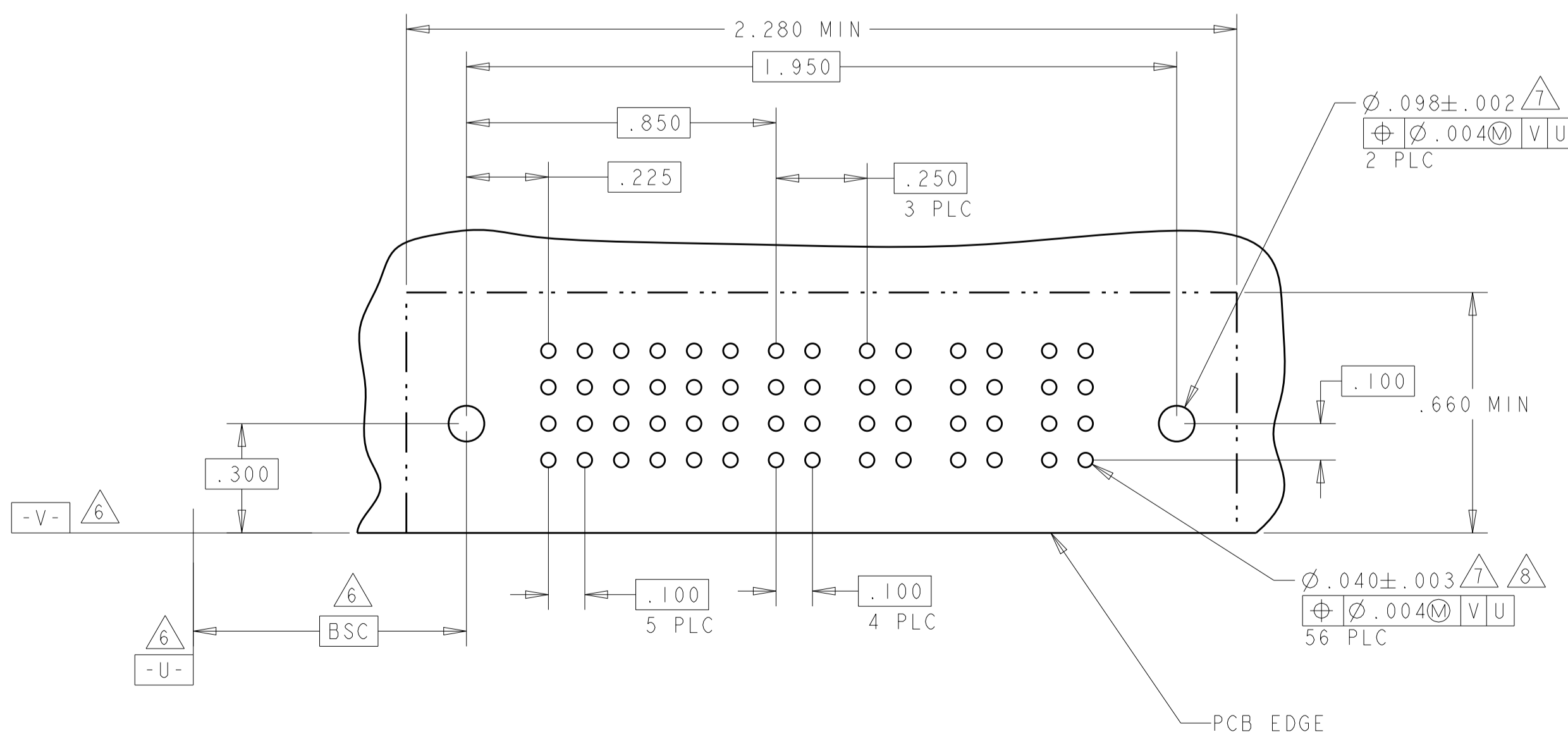
| PART NUMBER | ROWS | SIGNAL | | | | | POWER | | | |
|-------------|------|--------|---|---|---|---|-------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | P1 | P2 | P3 | P4 |
| 6450121-4 | D | J | J | J | J | J | PM | PM | PM | PM |
| | C | K | K | K | K | K | | | | |
| | B | N | N | N | N | N | | | | |
| | A | S | S | S | S | S | | | | |
| 20S + 4P | | HD | | | | | | | | HD |

| PART NUMBER | ROWS | SIGNAL | | | | | POWER | | | |
|-------------|------|--------|---|---|---|---|-------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | P1 | P2 | P3 | P4 |
| I-6450121-0 | D | J | J | J | J | J | PM | PM | PM | PM |
| | C | K | K | K | K | K | | | | |
| | B | N | N | N | N | N | | | | |
| | A | S | S | S | S | S | | | | |
| 20S + 4P | | HD | | | | | | | | HD |

NO CONTACT LOADED



| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | |
|-------------|------|--------|---|---|---|---|---|-------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 |
| I-6450121-1 | D | J | J | J | J | J | J | PM | PM | PM | PM |
| | C | K | K | K | K | K | K | | | | |
| | B | N | N | N | N | N | N | | | | |
| | A | S | S | S | S | S | S | | | | |
| 24S + 4P | | HD | | | | | | | | | HD |

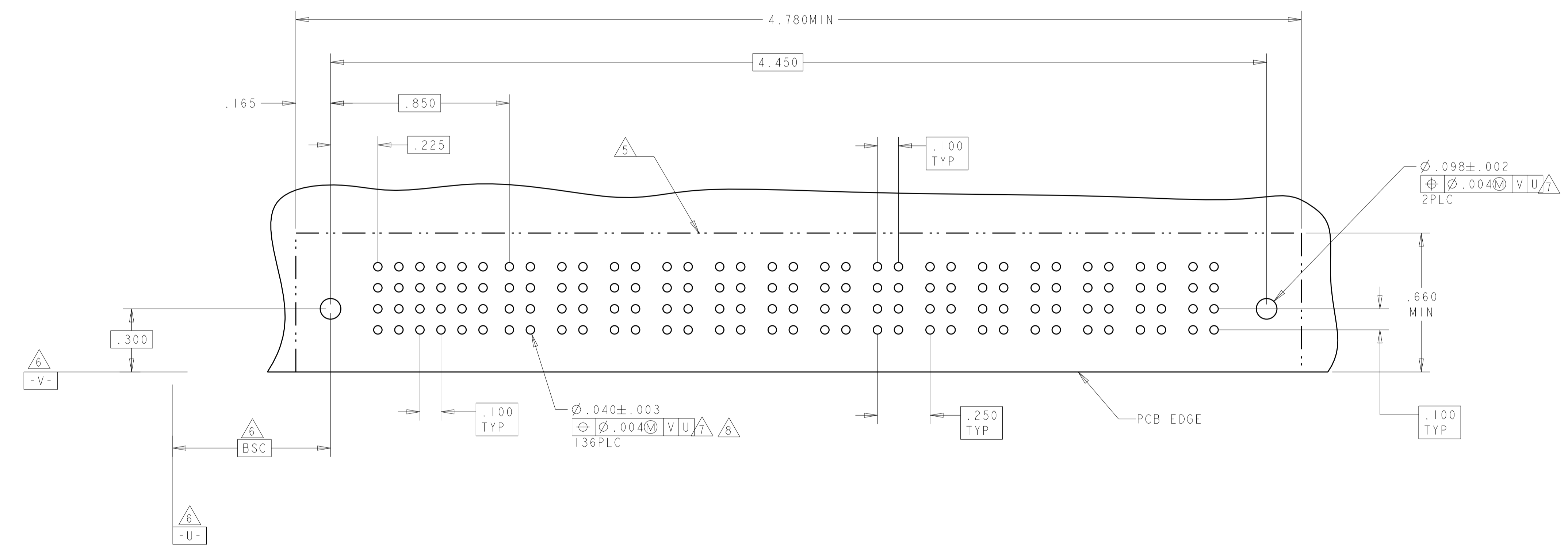


PCB LAYOUT FOR P/N: 6450121-4, I-6450121-0

| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: R. GRZYBOWSKI 02FEB05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020 | | PRODUCT SPEC: 108-1973 | SIZE: 114-13038 |
| MATERIAL: FINISH: | | APPLICATION SPEC: 114-13038 | RESTRICTED TO: A100779 |
| | | WEIGHT: CUSTOMER DRAWING | SCALE: N/A SHEET 4 OF 13 REV: G2 |

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

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | | | | | | | | | | |
|-------------|------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | |
| 1-6450121-2 | D | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM |
| | C | K | K | K | K | K | K | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM |
| | B | N | N | N | N | N | N | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM |
| | A | S | S | S | S | S | S | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM |
| 24S + 14P | | | | | | | | | | | | | | | | | | | | | | |



| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: R. GRZYBOWSKI 02FEB05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° | | PRODUCT SPEC: 108-1973 | SIZE: A1 |
| MATERIAL: - | | APPLICATION SPEC: 114-13038 | CAGE CODE: C=6450121 |
| FINISH: - | | WEIGHT: - | RESTRICTED TO: - |
| CUSTOMER DRAWING | | SCALE: N/A | SHEET 5 OF 13 REV G2 |

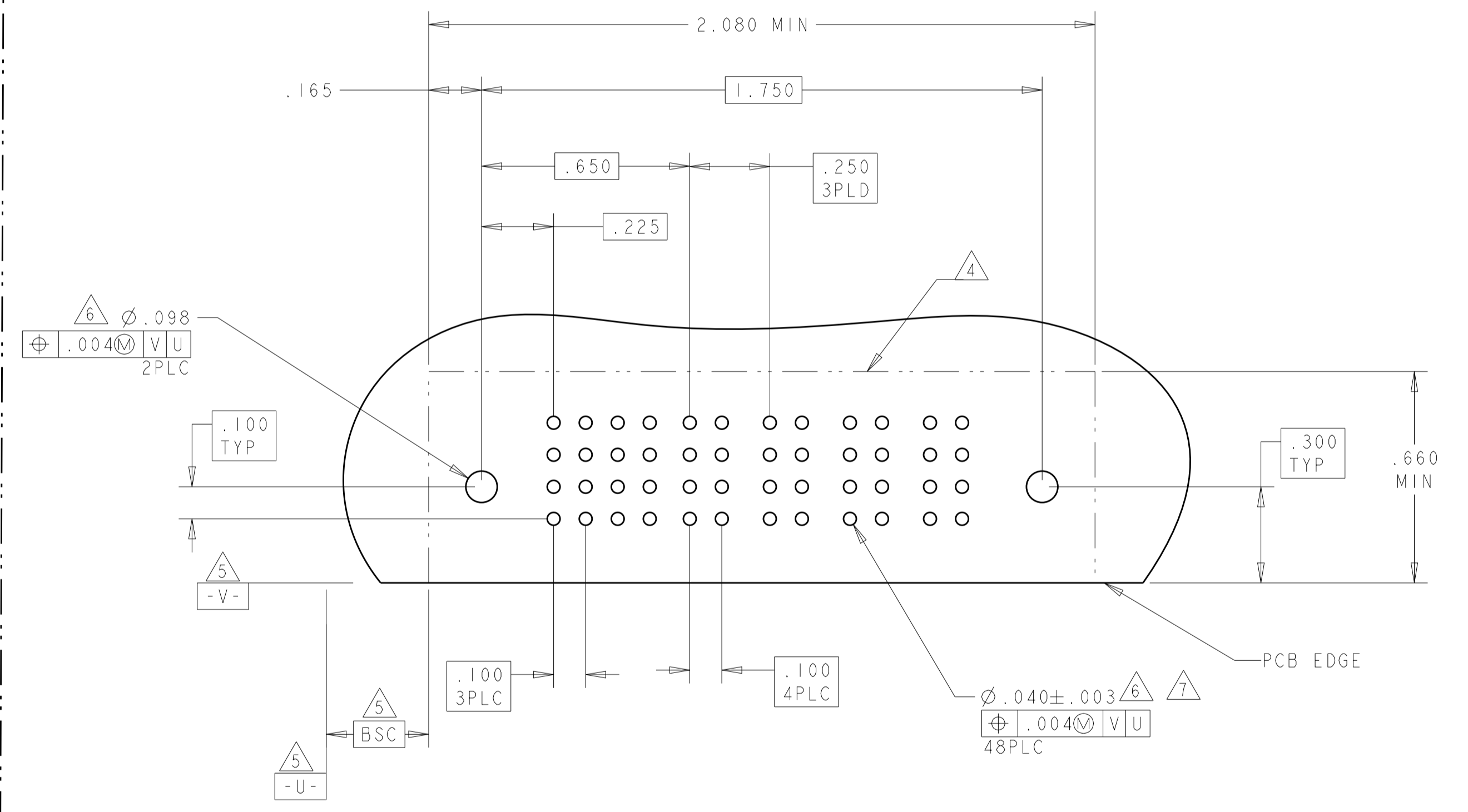
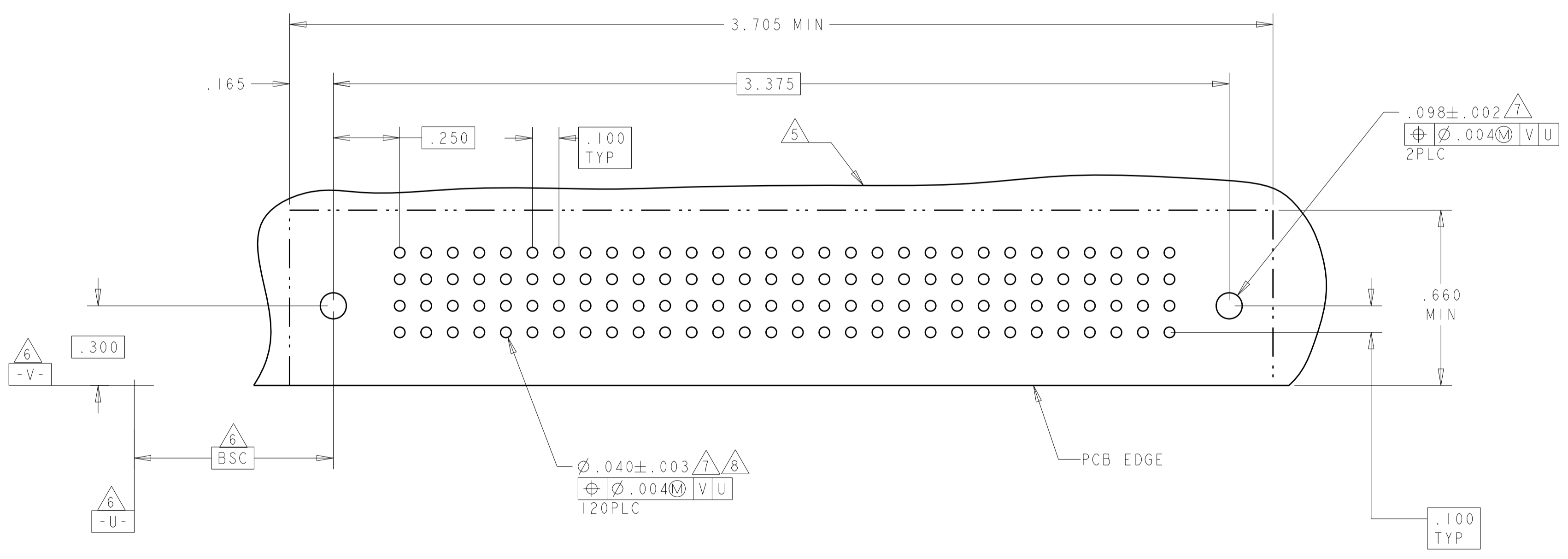
| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES | 00 | P | LTN | DESCRIPTION | DATE | OWN | APVD |
| | | - | | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 1-6450121-3 | D | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | J | |
| | C | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | F | | |
| | B | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | | |
| | A | S | S | H | H | H | H | H | H | H | H | H | S | S | H | H | H | H | H | H | H | H | H | H | H | H | H | H | H | H | |

NO CONTACTS LOADED

| PART NUMBER | ROWS | SIGNAL | | | | POWER | | | |
|-------------|------|--------|---|---|---|-------|----|----|----|
| | | 1 | 2 | 3 | 4 | P1 | P2 | P3 | P4 |
| 1-6450121-5 | D | J | J | J | J | | | | |
| | C | K | K | K | K | PM | PM | PM | PM |
| | B | N | N | N | N | | | | |
| | A | S | S | S | S | | | | |

16S + 4P



| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: R. GRZYBOWSKI 02FEB05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| 0 PLC ±.01 | | PRODUCT SPEC: 108-1973 | SIZE: 114-13038 |
| 1 PLC ±.01 | | APPLICATION SPEC: 114-13038 | RESTRICTED TO: - |
| 2 PLC ±.01 | | WEIGHT: - | SCALE: N/A |
| 3 PLC ±.005 | | CUSTOMER DRAWING | SHEET 6 OF 13 |
| 4 PLC ±.0020 | | REVISION: G2 | REV: G2 |
| ANGLES: ±.2° | | | |
| FINISH: - | | | |

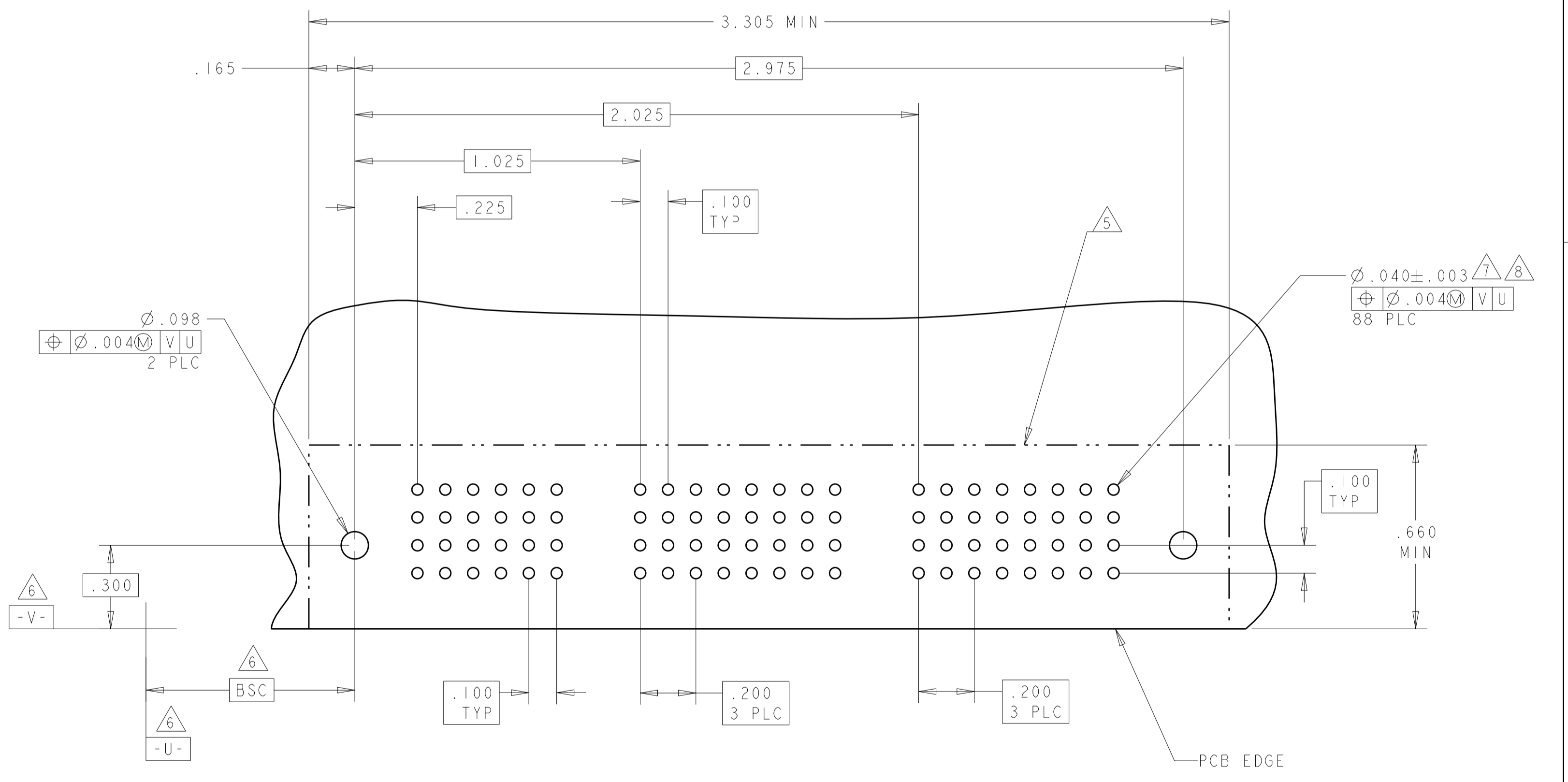
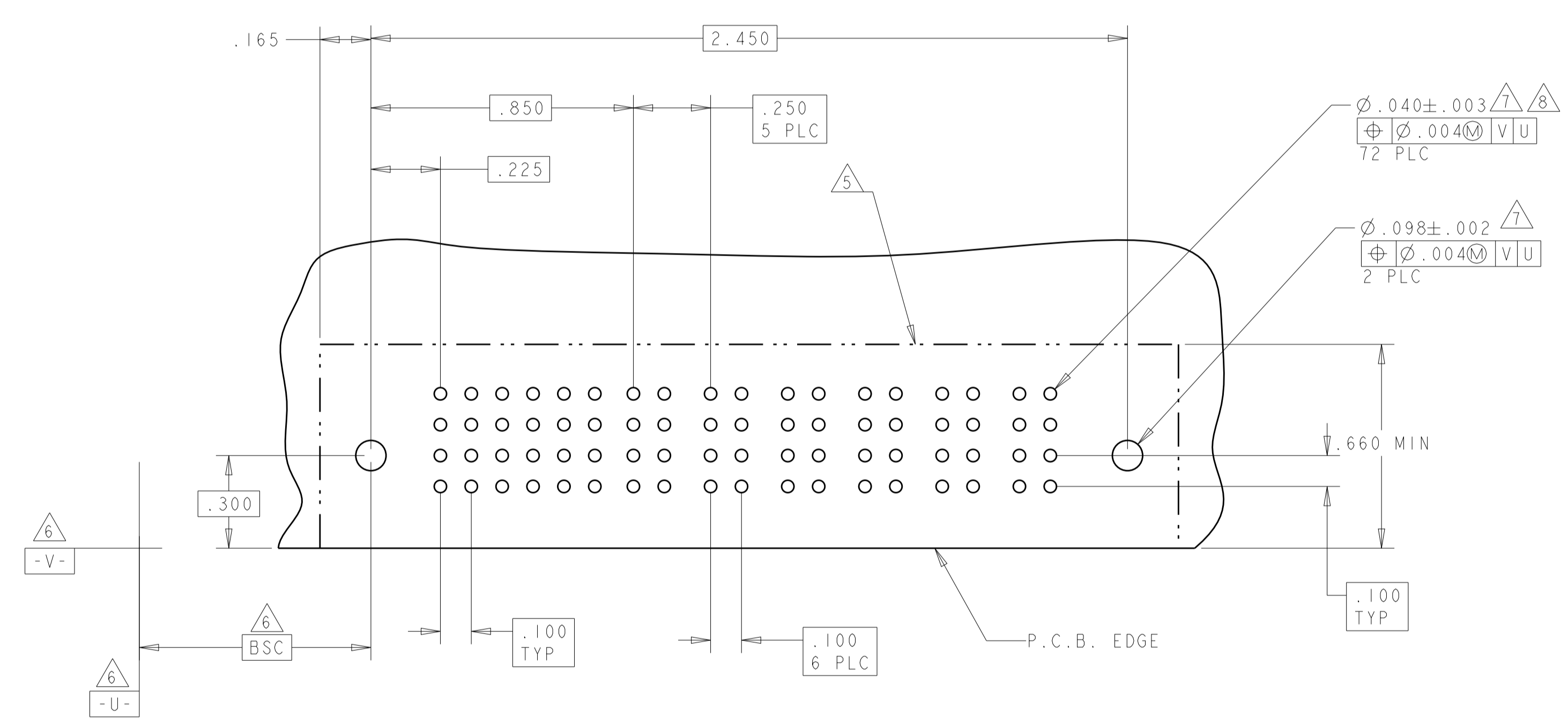
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|-----|------|-----|------|----|------|
| ES | 00 | | | | |

| REVISIONS | | DATE | BY | APPV |
|-----------|-------------|------|----|------|
| 1 | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | |
|-------------|------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 |
| 1-6450121-6 | D C B A | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM |
| | | K | K | K | K | K | K | | | | | | |
| | | N | N | N | N | N | G | | | | | | |
| | | S | S | S | S | S | | | | | | | |
| 24S + 6P | | | | | | | | | | | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | | | | | | |
|-------------|------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|----|-----|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | |
| 1-6450121-8 | D C B A | J | J | J | J | J | J | | | | | | | | | | | |
| | | K | K | K | K | K | K | | | | | | | | | | | |
| | | N | N | N | N | N | S | | | | | | | | | | | |
| | | S | S | S | S | | | | | | | | | | | | | |
| 24S + 10P | | | | | | | | | | | | | | | | | | |

NO CONTACTS LOADED

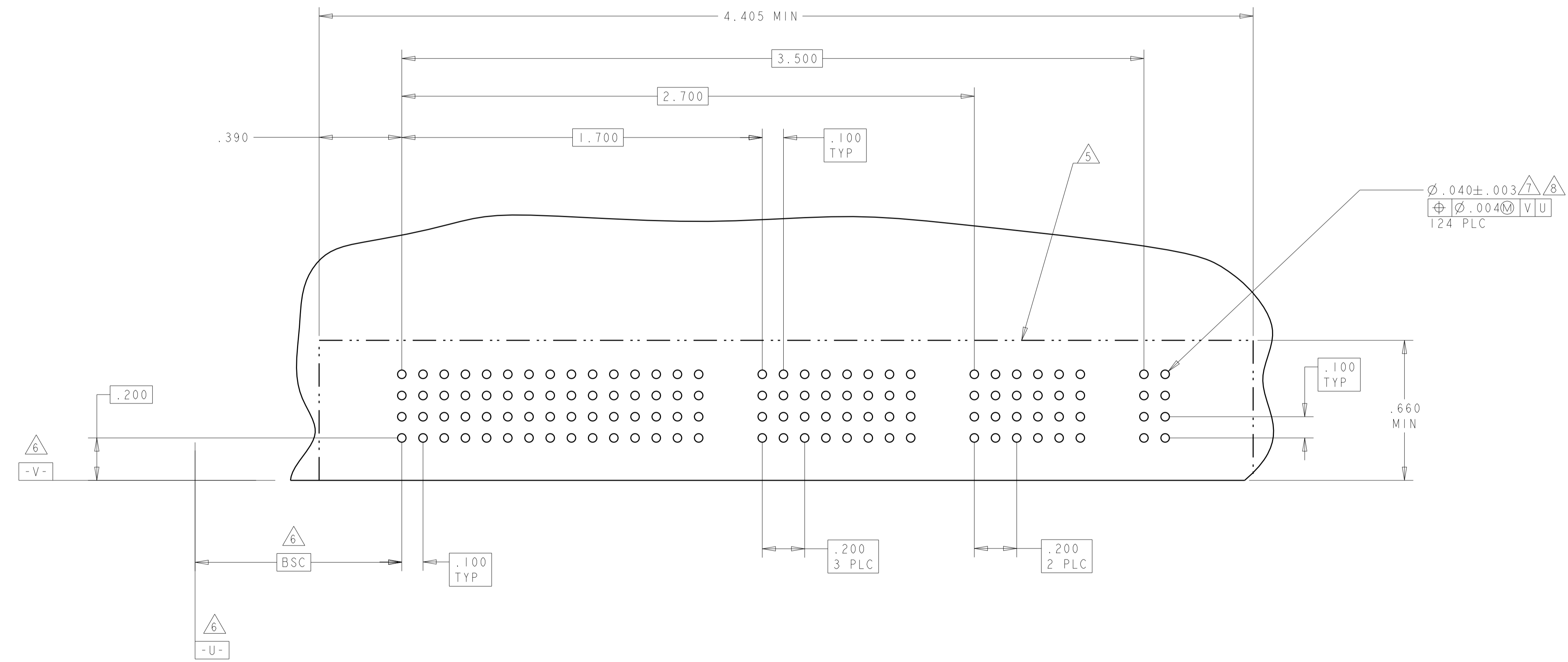
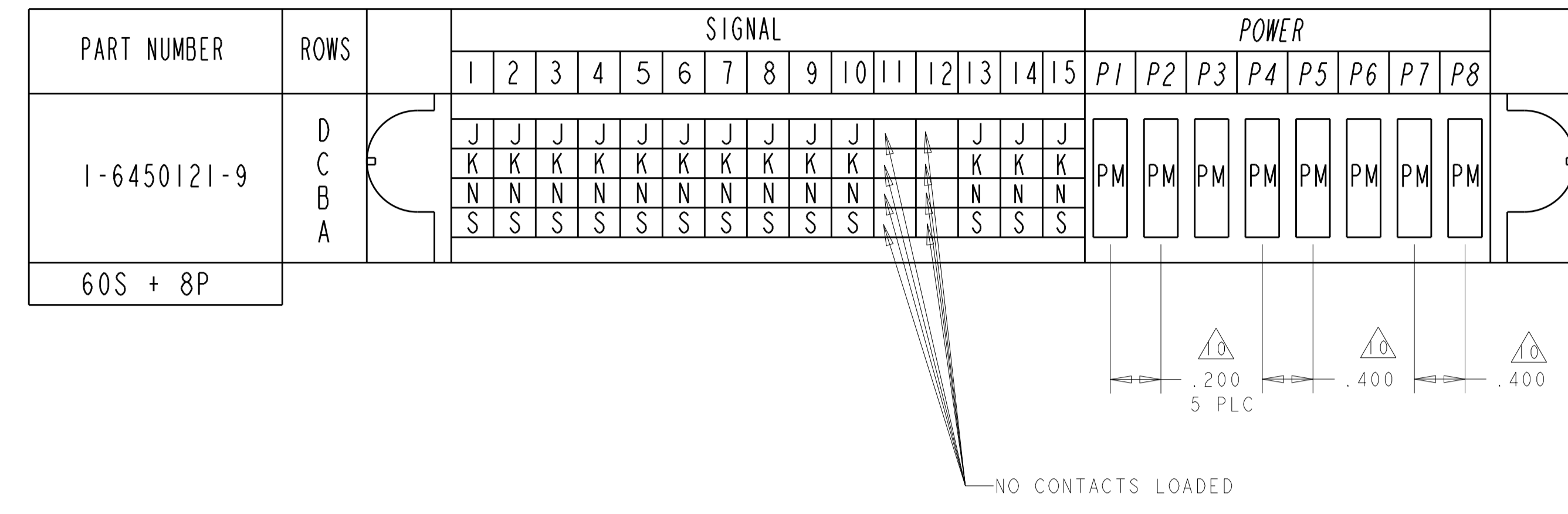


THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | |
|-------------|---|----------------------------|-----------------------------|--------------------|---------------------|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: | OWN: R. GRZYBOWSKI 02FEB05 | CHK: M. PERCHERKE 02FEB05 | APVD: M. PERCHERKE | NAME: R. GRZYBOWSKI |
| INCHES | 0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002 | PRODUCT SPEC: 108-1973 | APPLICATION SPEC: 114-13038 | WEIGHT: - | SIZE: A |
| MATERIAL: - | FINISH: - | RESTRICTED TO: - | CAGE CODE: 6450121 | SCALE: N/A | SHEET 7 OF 13 |

TE Connectivity
 RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL
 CUSTOMER DRAWING

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: B. GRZYBOWSKI 02FEB05
 CHK: M. PERCHERKE 02FEB05

TE CONNECTIVITY

NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL

PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038

SIZE: A1 00779 C=6450121
 CAGE CODE: 6450121

RESTRICTED TO: -

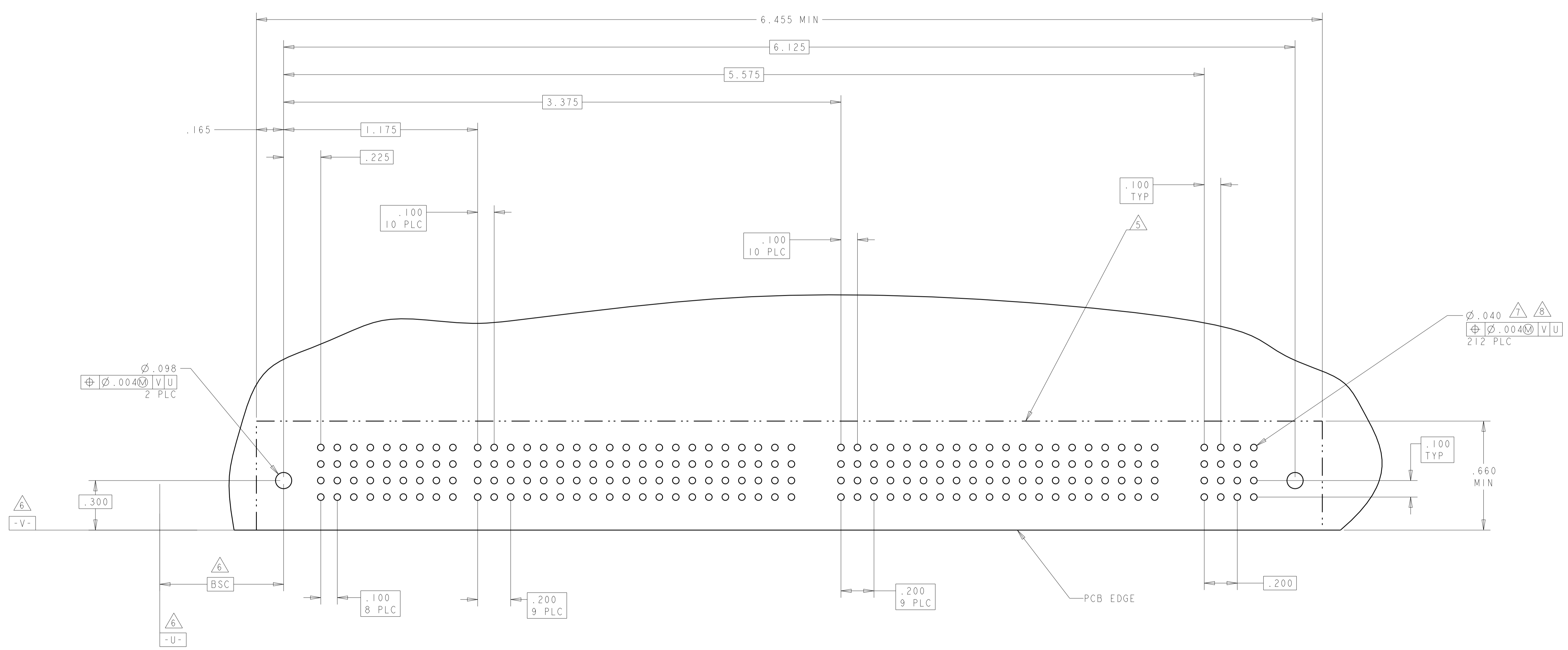
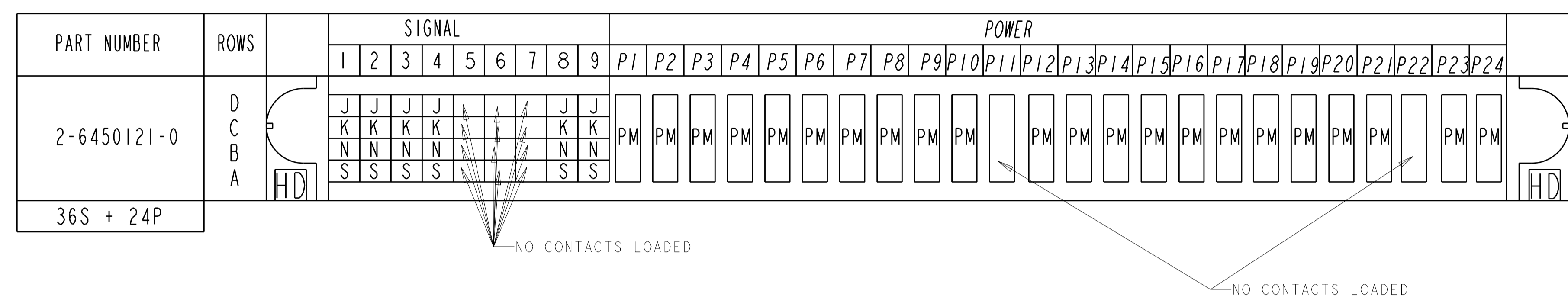
MATERIAL: -
 FINISH: -

WEIGHT: -

CUSTOMER DRAWING

SCALE: N/A SHEET 8 OF 13 REV G2

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN: R. GRZYBOWSKI 02FEB05
CHK: M. PERCHERKE 02FEB05

APVD: M. PERCHERKE

NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

SIZE: 114-13038

WEIGHT: -

CUSTOMER DRAWING

SCALE: N/A

SHEET 9 OF 13

REV G2

4805 (3/11)

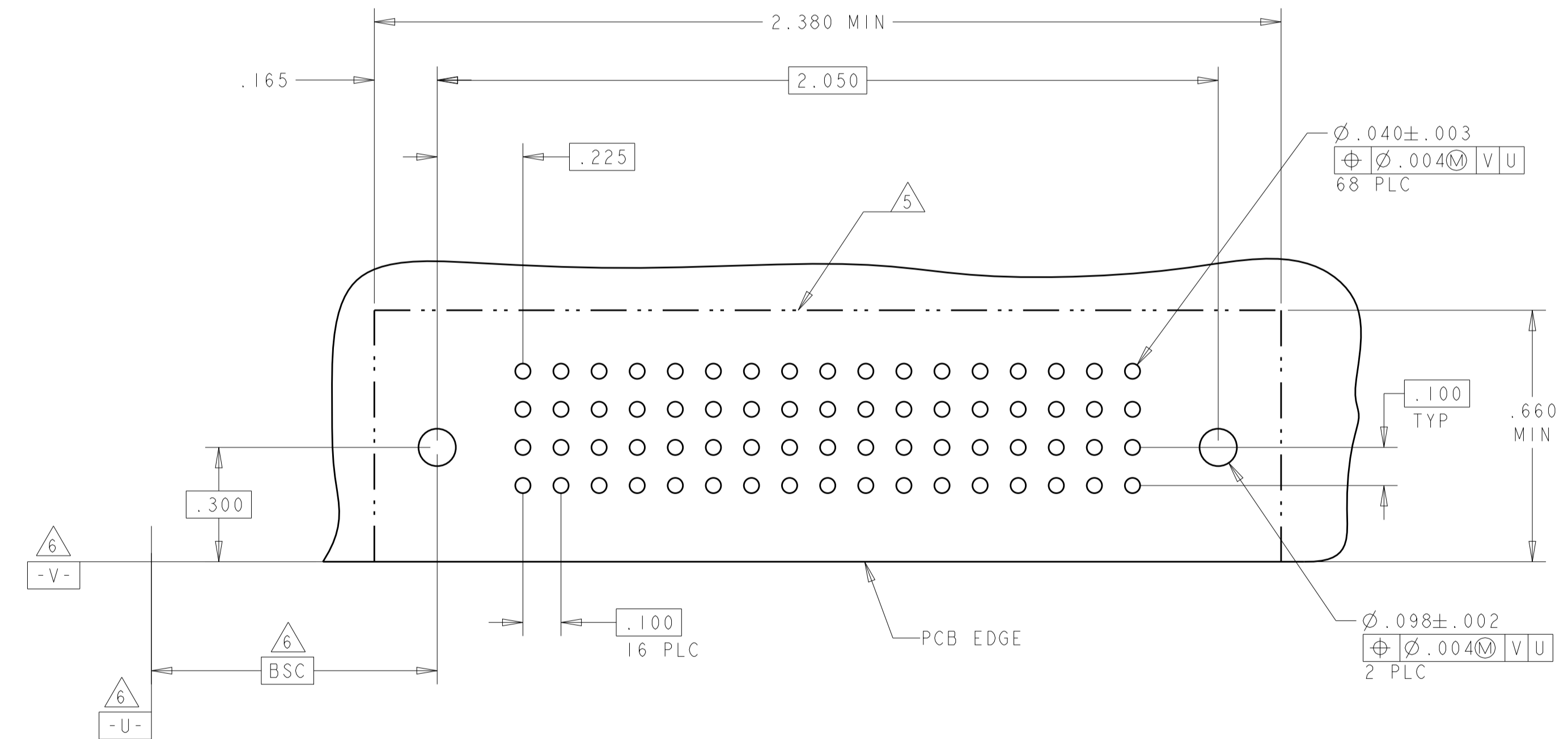
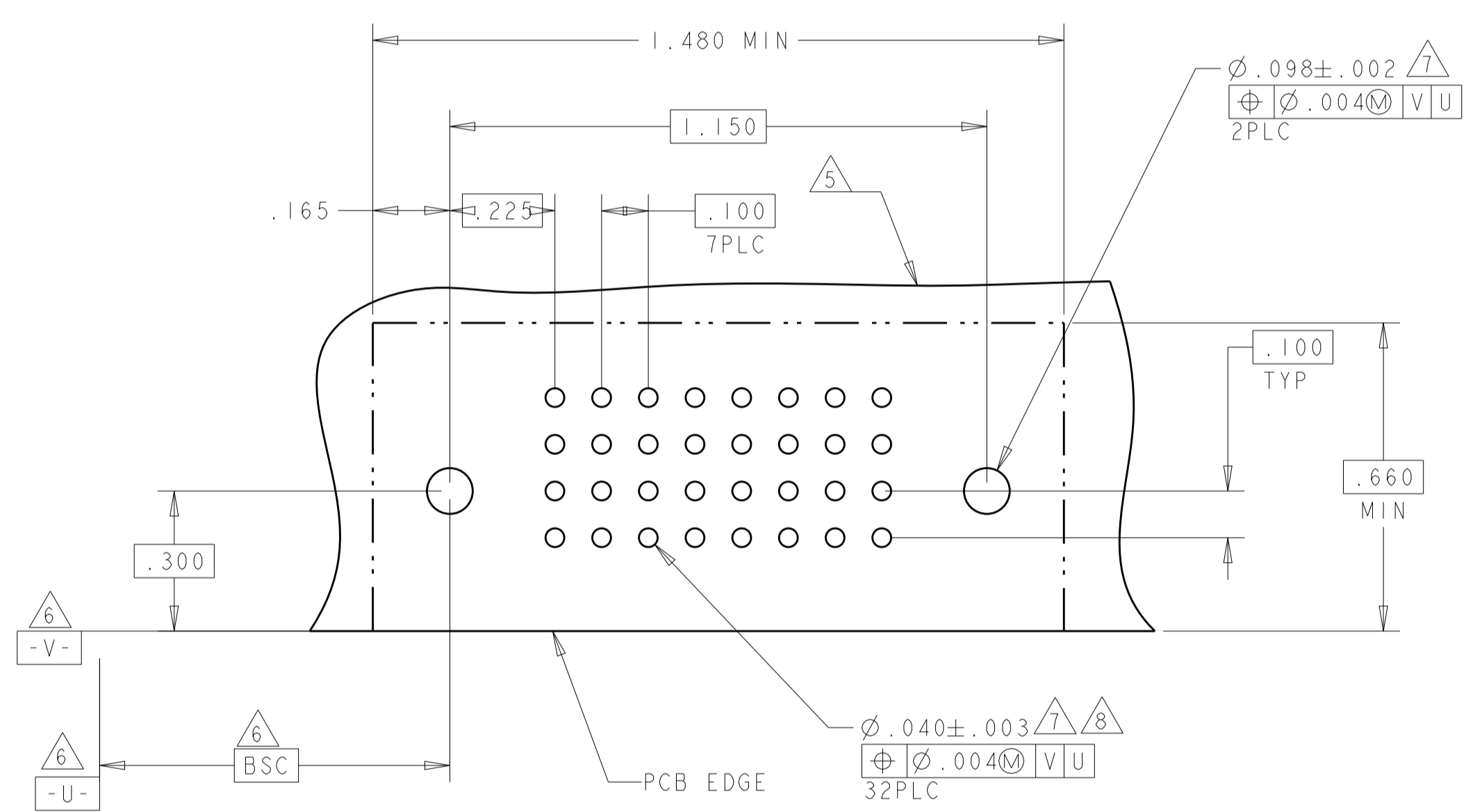
| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | SIGNAL | | | | | | | |
|-------------|------|--------|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 2-6450121-1 | D | J | J | J | J | J | J | J | J |
| | C | K | K | K | K | K | K | K | K |
| | B | N | N | N | N | N | N | N | N |
| | A | S | S | S | S | S | S | S | S |
| 32S | | | | | | | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | | | | | | | | | | | |
|-------------|------|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 2-6450121-2 | D | J | | J | | J | | J | | J | | J | | J | | J | | J |
| | C | | | | | | | | | | | | | | | | | |
| | B | N | | N | | N | | N | | N | | N | | N | | N | | N |
| | A | HD | | | | | | | | | | | | | | | | HD |
| 68S | | | | | | | | | | | | | | | | | | |

F

NO CONTACTS LOADED
50 PLC

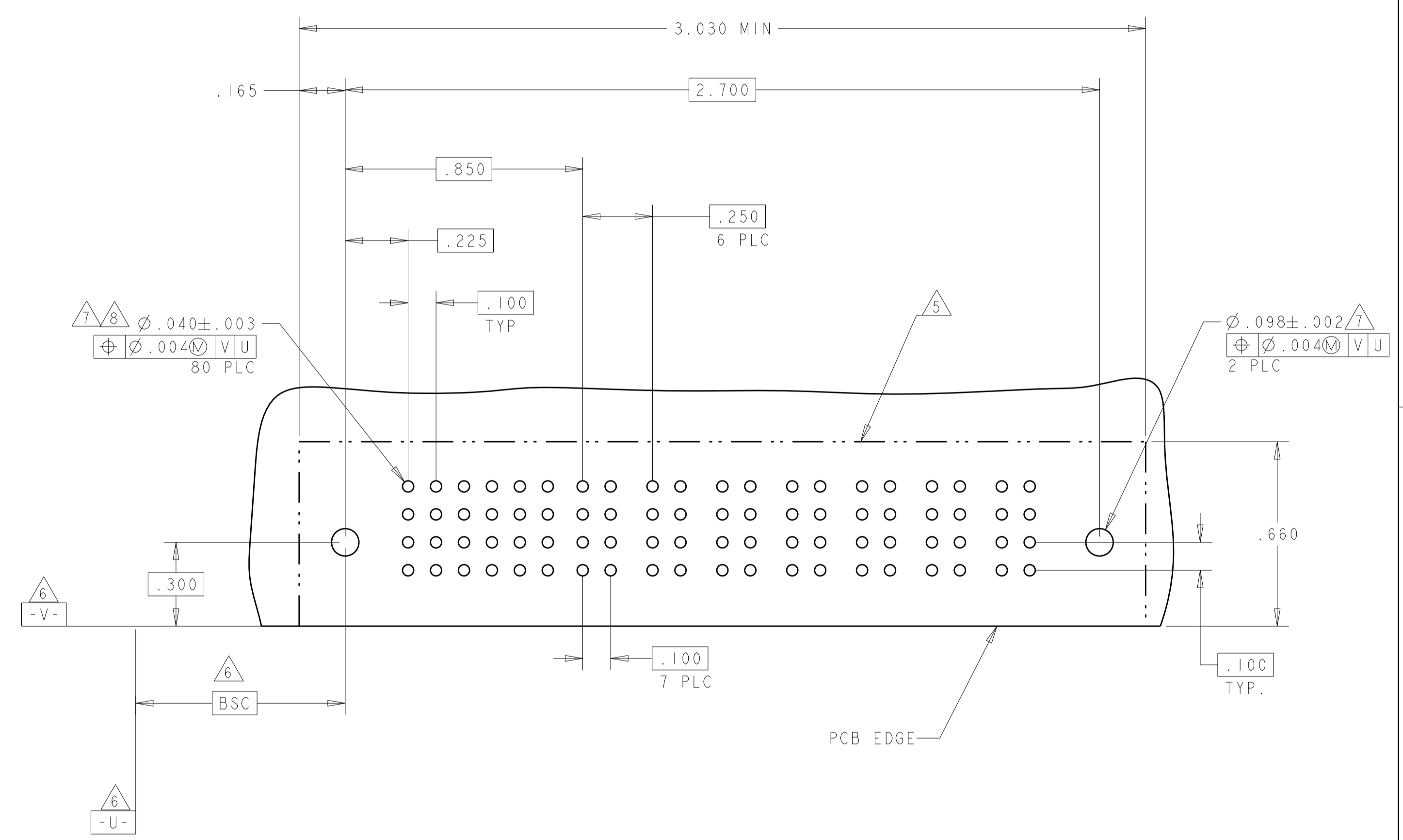
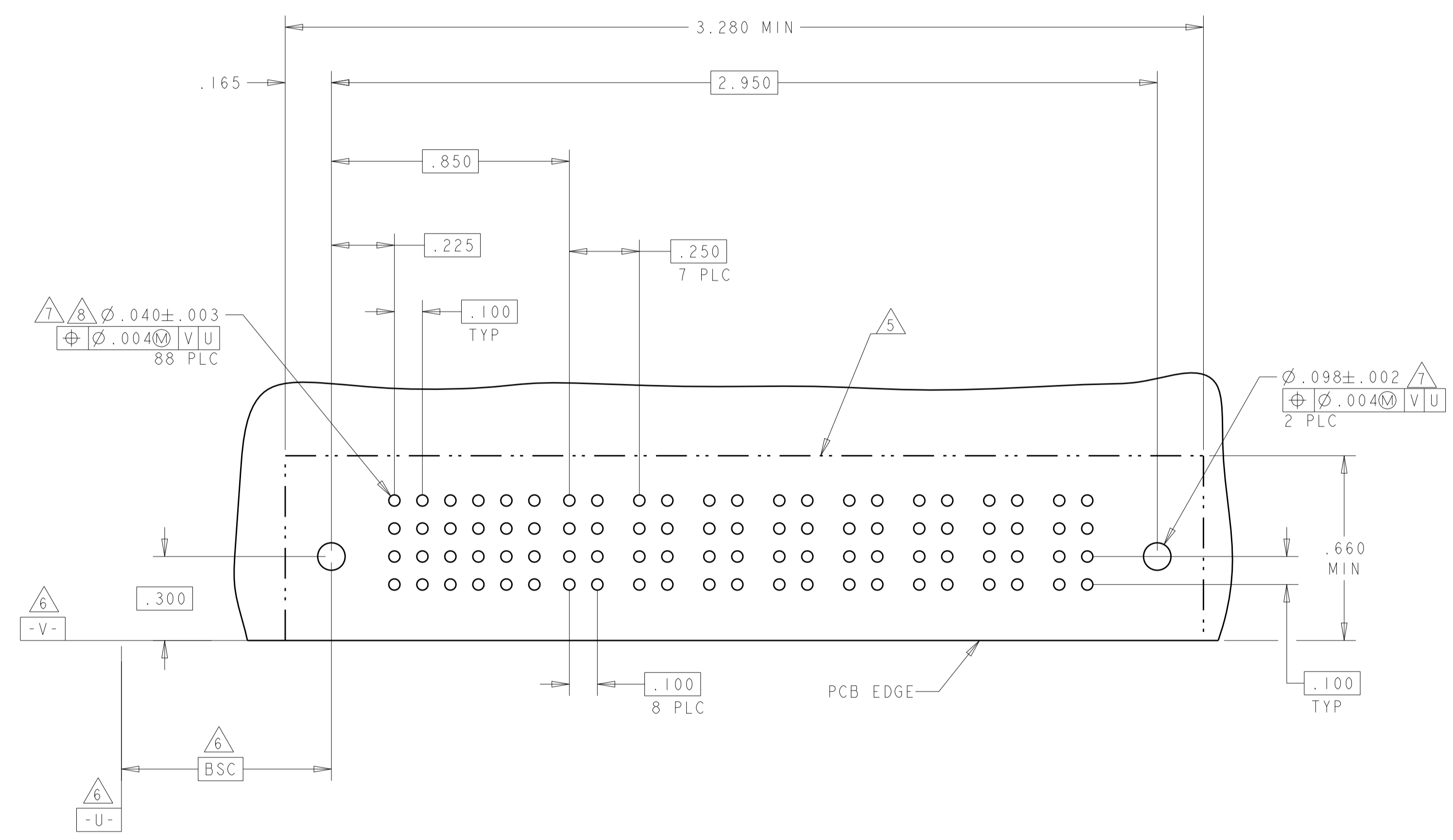


| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN: R. GRZYBOWSKI 02FEB05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° | | PRODUCT SPEC: 108-1973 | SIZE: A |
| MATERIAL: FINISH: | | APPLICATION SPEC: 114-13038 | CAGE CODE: 6450121 |
| | | WEIGHT: CUSTOMER DRAWING | RESTRICTED TO: G2 |
| | | SCALE: N/A | SHEET 10 OF 13 |

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

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | | | |
|-------------|------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 |
| 2-6450121-3 | D C B A | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM | PM | PM |
| | | K | K | K | K | K | K | | | | | | | | |
| | | N | N | N | N | N | N | | | | | | | | |
| 24S + 8P | | S | S | S | S | S | S | | | | | | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | | |
|-------------|------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 | P7 |
| 2-6450121-5 | D C B A | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM | PM |
| | | K | K | K | K | K | K | | | | | | | |
| | | N | N | N | N | N | N | | | | | | | |
| 24S + 7P | | S | S | S | S | S | S | | | | | | | |



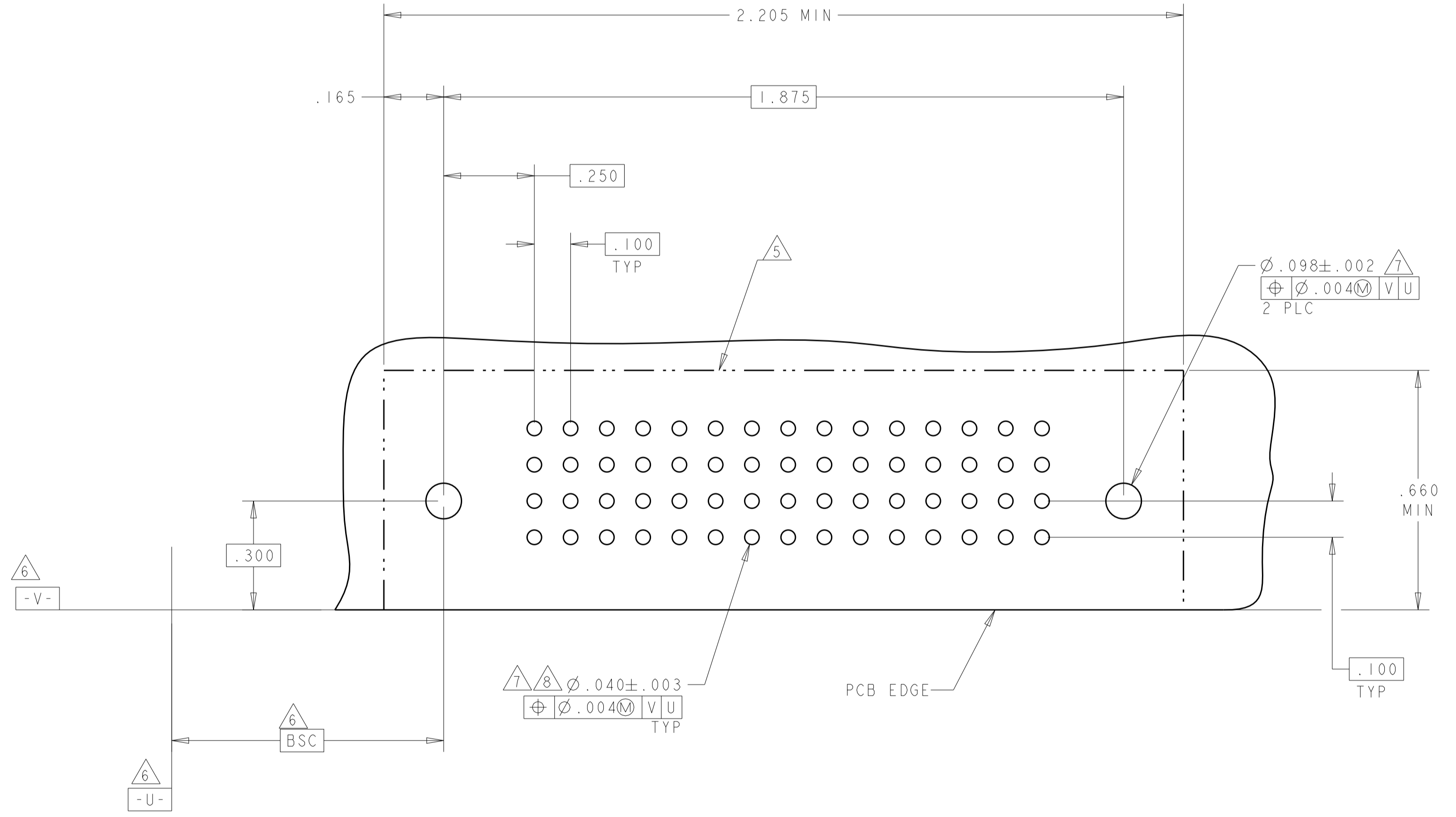
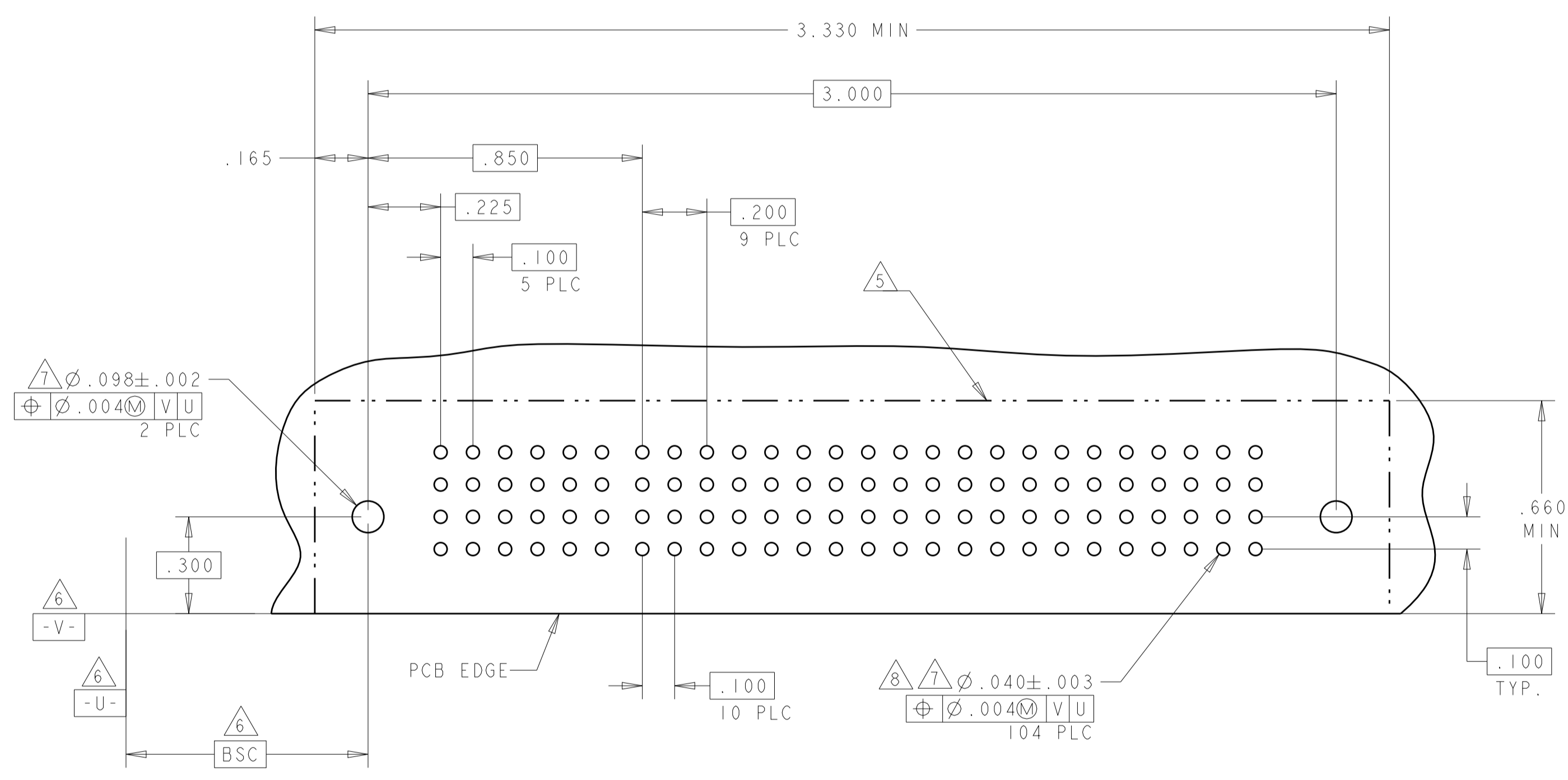
| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: R. GRZYBOWSKI 02FEB05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| 0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002 ANGLES ± .020 | | PRODUCT SPEC: 108-1973 | SIZE: A |
| MATERIAL: FINISH: | | APPLICATION SPEC: 114-13038 | CAGE CODE: C=6450121 |
| | | WEIGHT: CUSTOMER DRAWING | RESTRICTED TO: G2 |
| | | SCALE: N/A | SHEET 11 OF 13 |

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

| REVISIONS | | DATE | BY | APPV |
|-----------|-------------|------|----|------|
| 1 | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | POWER | | | | | | | | | |
|-------------|------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 |
| 2-6450121-7 | D | J | J | J | J | J | E | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM |
| | C | K | K | K | F | K | K | | | | | | | | | | |
| | B | N | N | N | G | N | N | | | | | | | | | | |
| | A | S | H | S | H | S | S | | | | | | | | | | |
| 24S + 10P | | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | SIGNAL | | | | | | | | | | | | | | |
|-------------|------|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 2-6450121-8 | D | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J |
| | C | 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 | |
| | A | S | S | S | S | S | S | S | S | S | S | S | S | S | S | |
| 60S | | | | | | | | | | | | | | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | |
|-------------|---|----------------------------|-----------------------------|--------------------|--|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: | OWN: R. GRZYBOWSKI 02FEB05 | CHK: M. PERCHERKE 02FEB05 | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| INCHES | 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 | PRODUCT SPEC: 108-1973 | APPLICATION SPEC: 114-13038 | SIZE: 114-13038 | RESTRICTED TO: - |
| MATERIAL: - | FINISH: - | WEIGHT: - | CUSTOMER DRAWING | SCALE: N/A | SHEET 12 OF 13 REV G2 |

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

(G2)

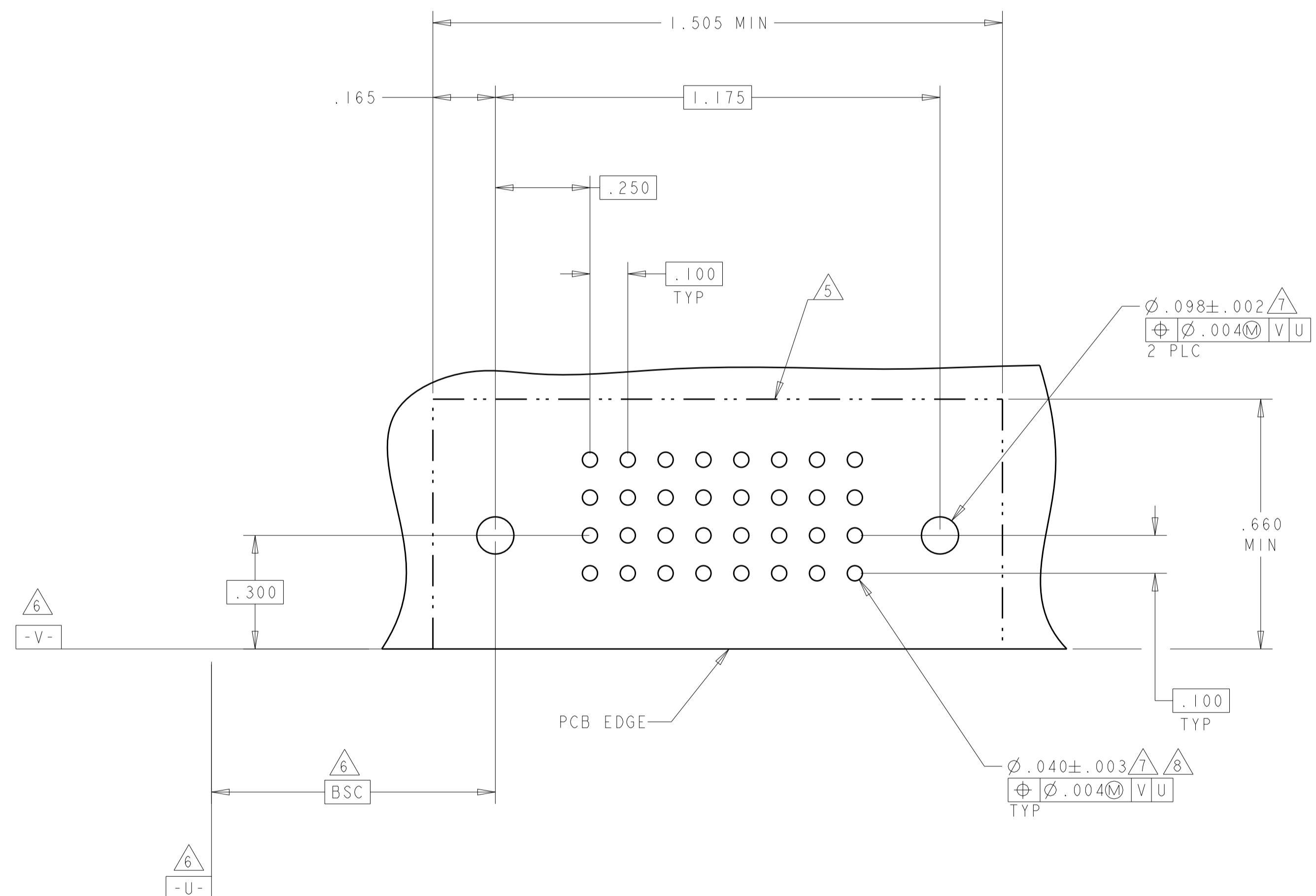
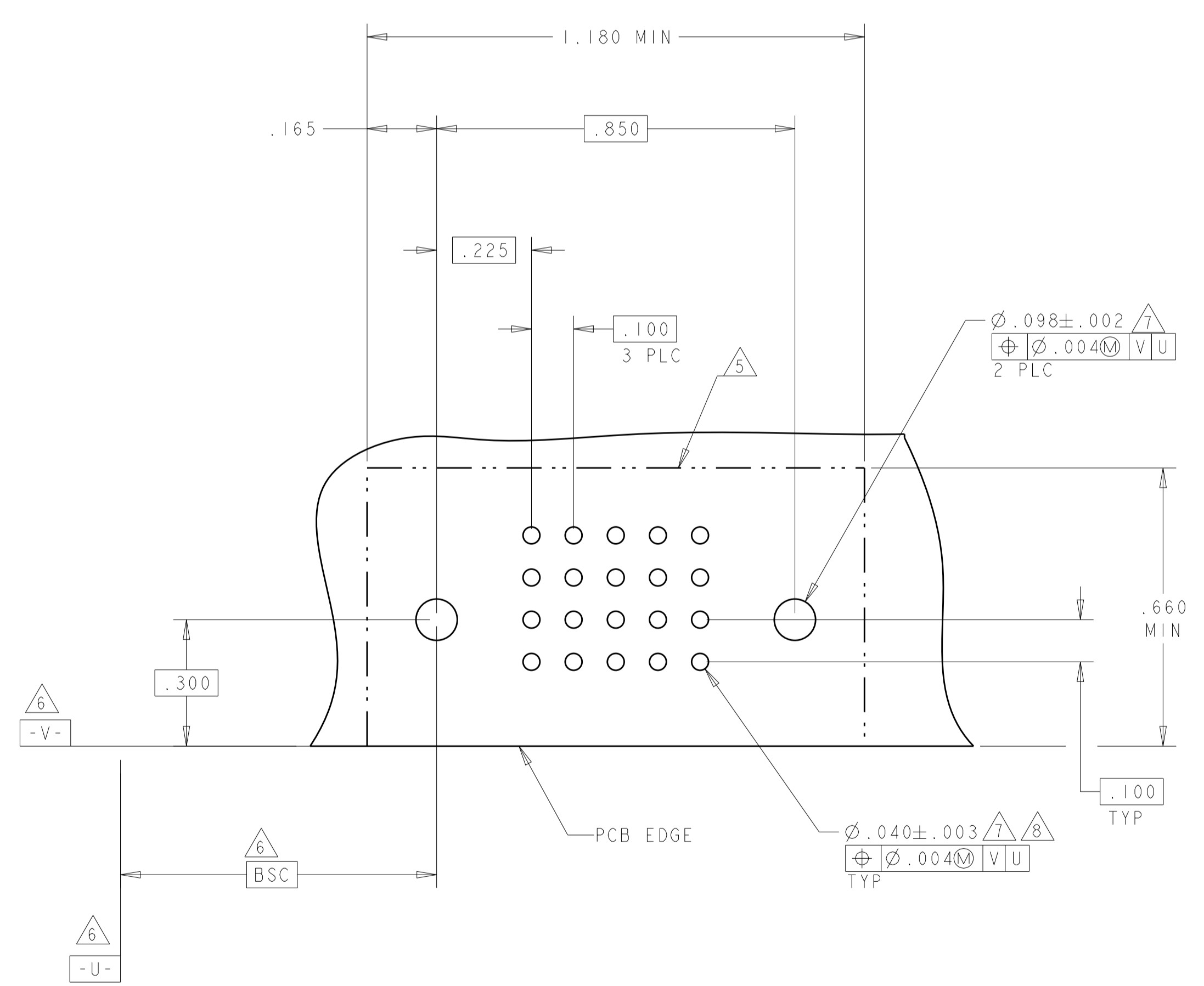
| PART NUMBER | ROWS | SIGNAL | | | | | HD |
|-------------|------|--------|---|---|---|---|----|
| | | 1 | 2 | 3 | 4 | 5 | |
| 2-6450121-9 | D | J | J | J | J | J | HD |
| | C | K | K | K | K | K | |
| | B | N | N | N | N | N | |
| | A | H | H | S | S | S | |

20S

(G2)

| PART NUMBER | ROWS | SIGNAL | | | | | | | | HD |
|-------------|------|--------|---|---|---|---|---|---|---|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 3-6450121-0 | D | J | J | J | J | J | J | J | J | HD |
| | C | K | K | K | K | K | K | K | | |
| | B | N | N | N | N | N | N | N | | |
| | A | S | S | S | S | S | S | S | | |

32S



| | | | |
|---|--|----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN: R. GRZYBOWSKI 02FEB05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 02FEB05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020 | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL |
| MATERIAL: - | | FINISH: - | PRODUCT SPEC: 108-1973 |
| SCALE: N/A | | WEIGHT: - | APPLICATION SPEC: 114-13038 |
| SHEET 13 OF 13 | | CUSTOMER DRAWING | RESTRICTED TO: A100779C=6450121 |
| REV: G2 | | DATE: - | |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru