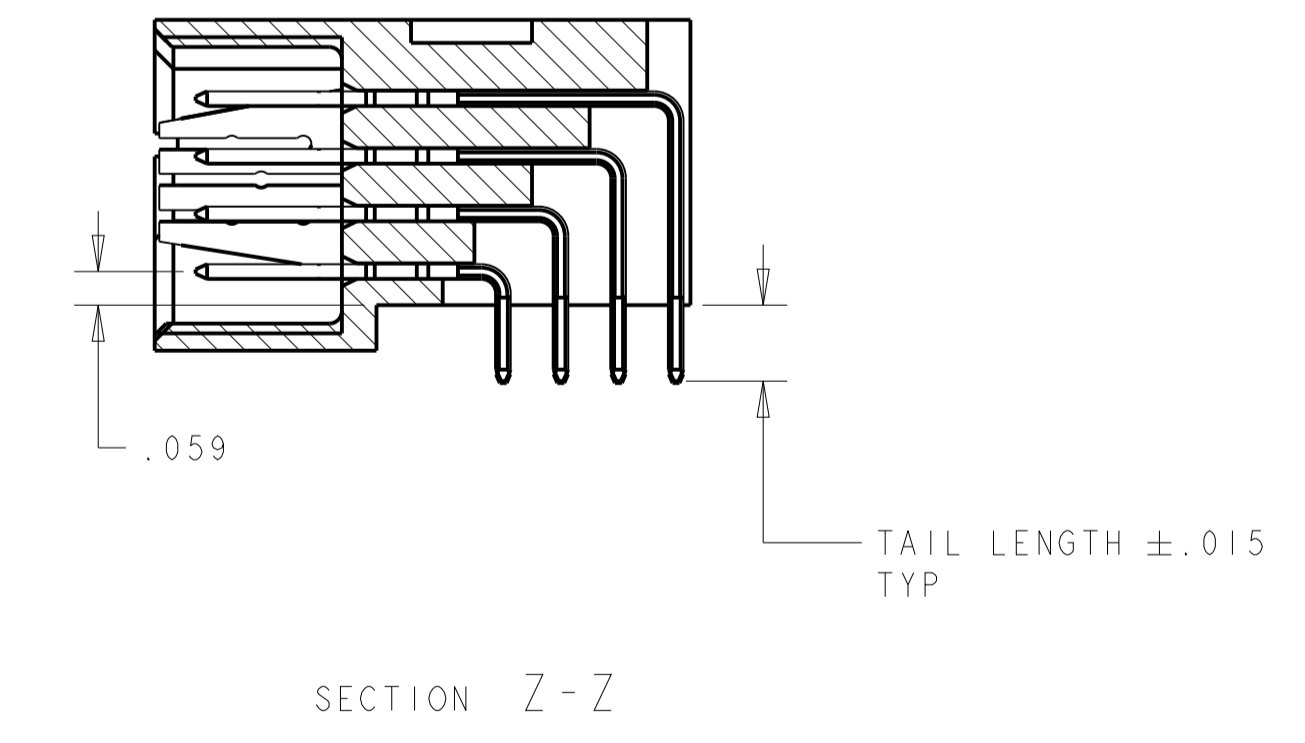
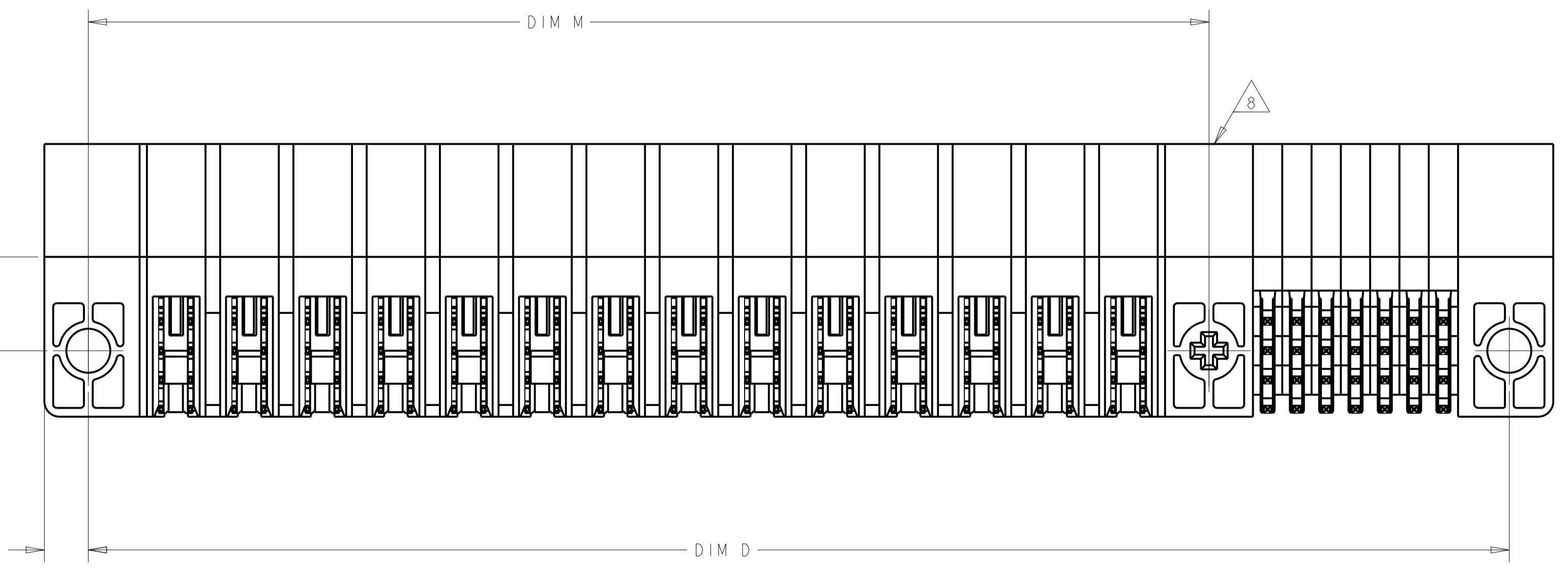
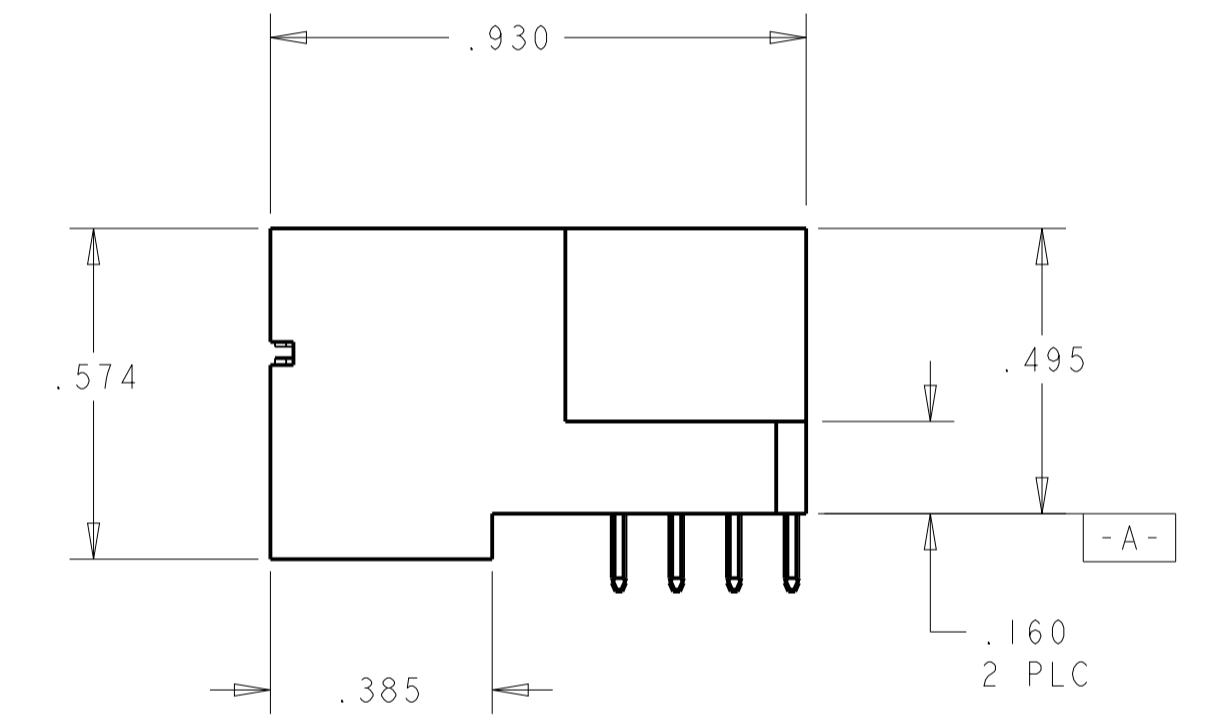
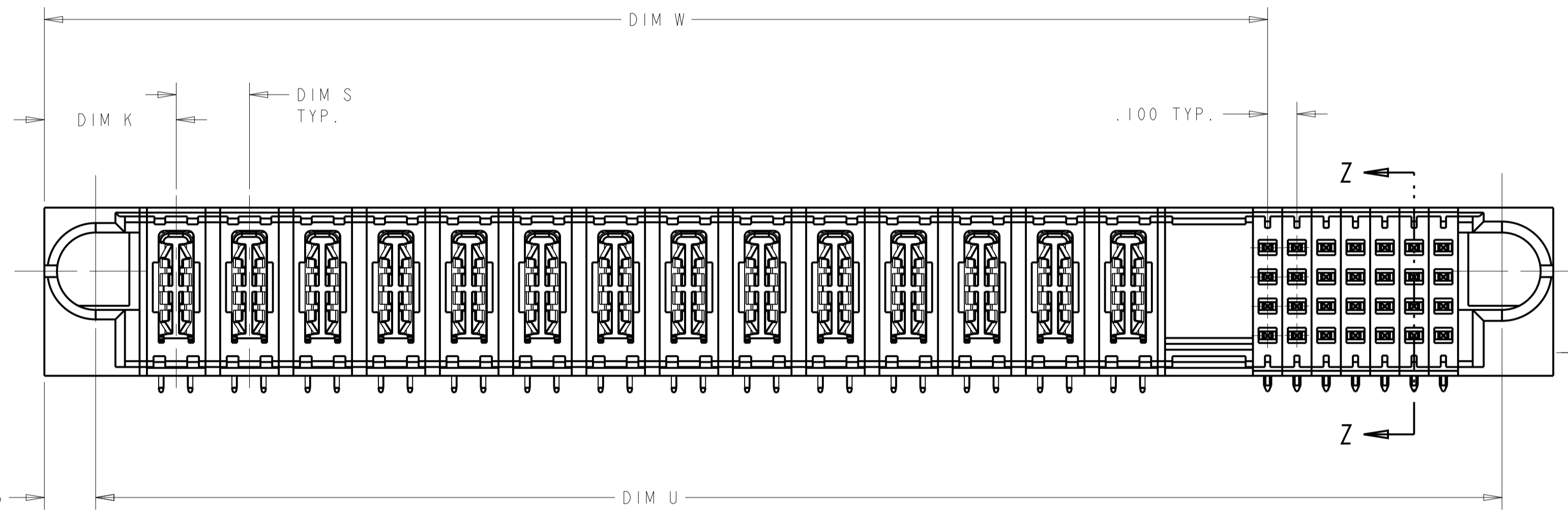
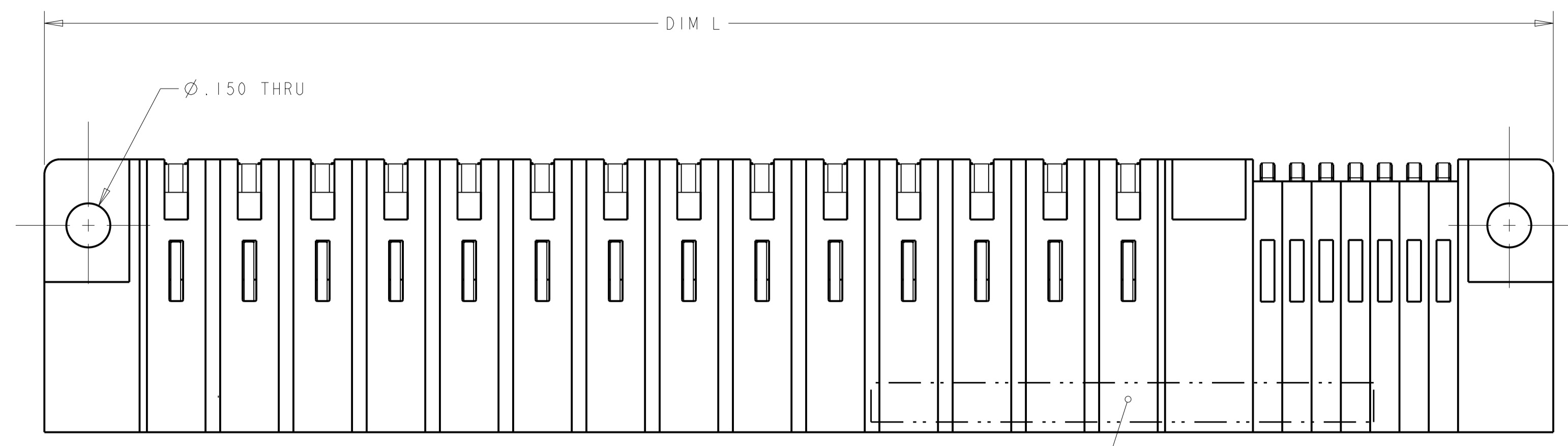


| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-----------------------|-----------|-----------|------|--|--|
| P | LTN | DESCRIPTION | DATE | DWN | APVD | | |
| | H4 | ADDED DASH NUMBER -33 | 25FEB2013 | CZ | SZ | | |



| | | | | |
|--|--|---------------------------------|--|----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN R. GRZYBOWSKI 24JAN05 | TE Connectivity RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL | |
| DIMENSIONS: INCHES | | CHK M. PERCHERKE 24JAN05 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD M. PERCHERKE | PRODUCT SPEC | RESTRICTED TO |
| 0 PLC $\pm .01$ 1 PLC $\pm .01$ 2 PLC $\pm .01$ 3 PLC $\pm .005$ 4 PLC $\pm .002$ ANGLES $\pm .020$ | | APPLICATION SPEC | 108-1973 | SIZE |
| MATERIAL | | FINISH | 114-13038 | CAGE CODE DRAWING NO |
| | | WEIGHT | - | A100779C=6450332 |
| CUSTOMER DRAWING | | SCALE | 4:1 | SHEET 1 OF 13 REV H6 |

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

- 1 "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
 SIGNAL CONTACT - 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 - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIAMETER HOLE.
- 8 OPTIONAL CENTER MODULE
- 9 NOT RELEASED FOR PRODUCTION
- 10 VARIABLE DIMENSIONS SHOWN ON TABLE

| DIM U | DIM S | DIM W | DIM D | DIM M | DIM L | DIM K | DESCRIPTION | PART NUMBER |
|-------|-------|-------|-------|-------|-------|-------|-----------------|-------------|
| 1.900 | .250 | 1.375 | 1.950 | - | 2.250 | .450 | 4P + 24S | 3-6450332-4 |
| 2.825 | △ | 2.300 | 2.875 | - | 3.175 | .475 | 3ACP + 4P + 24S | 3-6450332-3 |
| 1.600 | .250 | 1.375 | 1.650 | - | 1.950 | .450 | 4P + 12S | 3-6450332-2 |
| 2.825 | △ | 2.300 | 2.875 | - | 3.175 | .475 | 3ACP + 4P + 24S | 3-6450332-1 |
| 3.225 | △ | 2.675 | 3.275 | - | 3.575 | .525 | 9P + 24S | 3-6450332-0 |
| 2.700 | △ | 2.275 | 2.750 | - | 3.050 | .450 | 4ACP+3P+20S | 1-6450332-9 |
| 3.225 | △ | 2.675 | 3.275 | - | 3.575 | .525 | 3ACP+6P+24S | 2-6450332-8 |
| 1.650 | .200 | 1.225 | 1.700 | - | 2.000 | .450 | 4P + 20S | 2-6450332-6 |
| 1.800 | △ | 1.275 | 1.850 | - | 2.150 | .450 | 4P + 24S | 2-6450332-5 |
| 2.900 | .250 | 2.375 | 2.950 | - | 3.250 | .450 | 8P + 24S | 2-6450332-4 |
| 3.225 | △ | 2.675 | 3.275 | - | 3.575 | .525 | 3ACP+6P+24S | 2-6450332-3 |
| 2.150 | .250 | 1.625 | 2.200 | - | 2.500 | .450 | 5P + 24S | 2-6450332-0 |
| 3.225 | △ | 2.675 | 3.275 | - | 3.575 | .525 | 3ACP+6P+24S | 6450332-9 |
| 3.875 | △ | 3.550 | 3.925 | - | 4.225 | .475 | 1ACP + 9P + 16S | 1-6450332-8 |
| 2.300 | .250 | 1.875 | 2.350 | - | 2.650 | .450 | 6P+20S | 1-6450332-7 |
| 3.875 | △ | 3.550 | 3.925 | - | 4.225 | .475 | 3ACP+9P+16S | 1-6450332-6 |
| 5.100 | △ | 2.375 | 5.150 | - | 5.450 | .450 | 8P + 112S | 1-6450332-4 |
| 3.800 | △ | 3.175 | 3.850 | - | 4.150 | .450 | 12P + 28S | 1-6450332-3 |
| 2.275 | △ | 2.050 | 2.325 | - | 2.625 | .450 | 5P + 24S | 1-6450332-2 |
| 1.400 | .250 | .875 | 1.450 | - | 1.750 | .450 | 2P + 24S | 6450332-8 |
| 1.100 | - | .575 | 1.150 | - | 1.450 | .425 | 1P + 24S | 6450332-6 |
| 4.425 | .250 | 3.875 | 4.475 | - | 4.775 | .450 | 14P + 24S | 6450332-5 |
| 2.675 | .250 | 2.125 | 2.725 | - | 3.025 | .450 | 7P + 24S | 6450332-4 |
| 2.925 | .250 | 2.375 | 2.975 | - | 3.275 | .450 | 8P + 24S | 6450332-3 |
| 4.500 | .250 | 3.875 | 4.550 | - | 4.850 | .450 | 14P + 28S | 6450332-2 |

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 | ±.0020 |

FINISH: -

DATE: 24 JAN 05

DRN: R. GRZYBOWSKI

CHK: M. PERCHERKE

APPV: M. PERCHERKE

NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

SIZE: A1

CAGE CODE: 6450332

DRAWING NO: 100779

SCALE: 4:1

SHEET: 2 OF 13

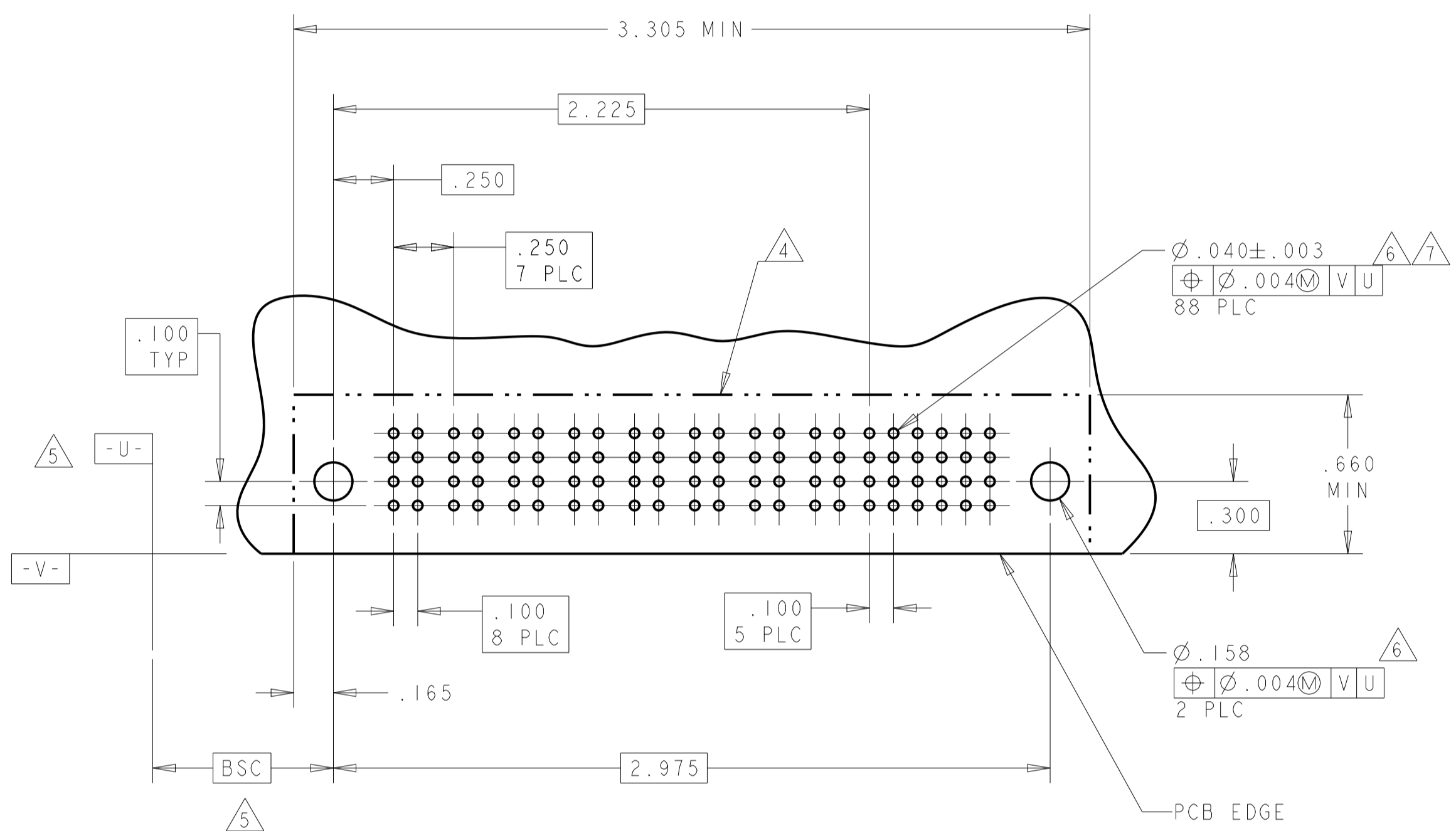
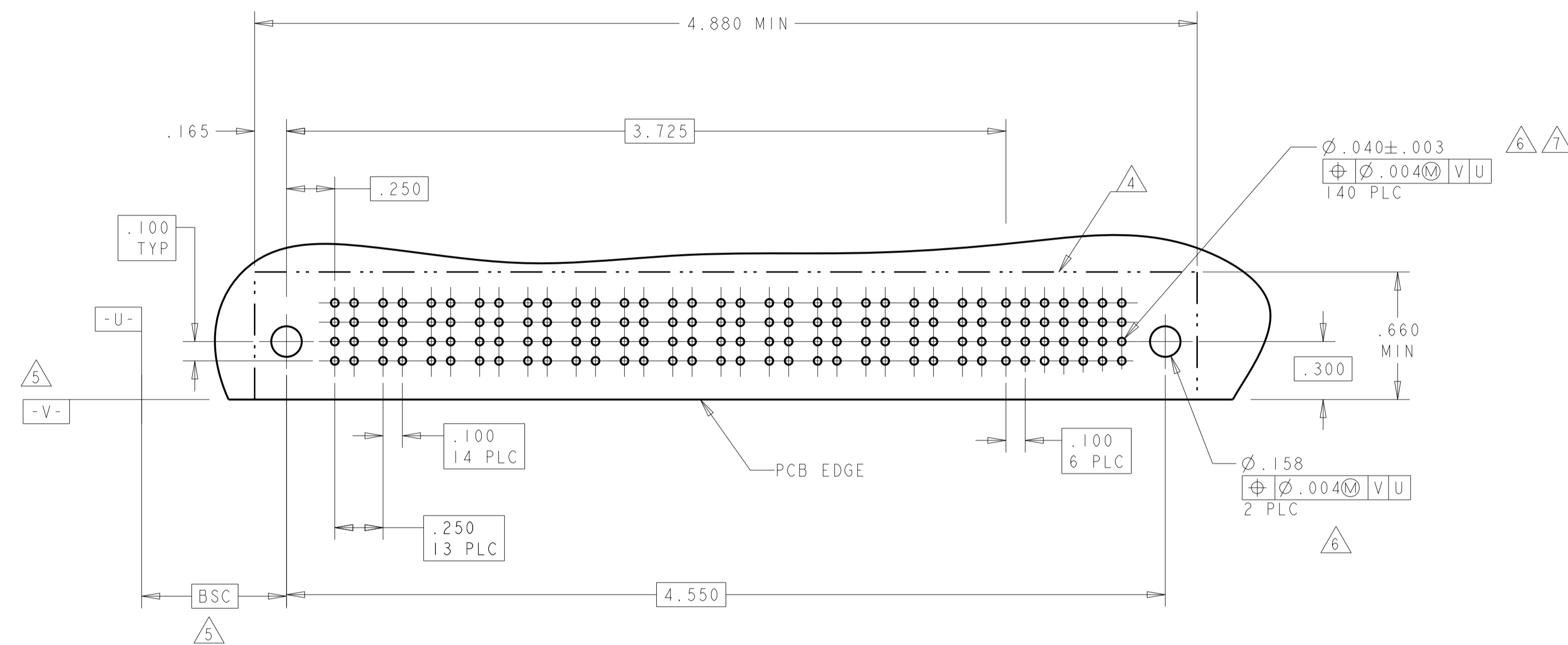
REV: H6

CUSTOMER DRAWING

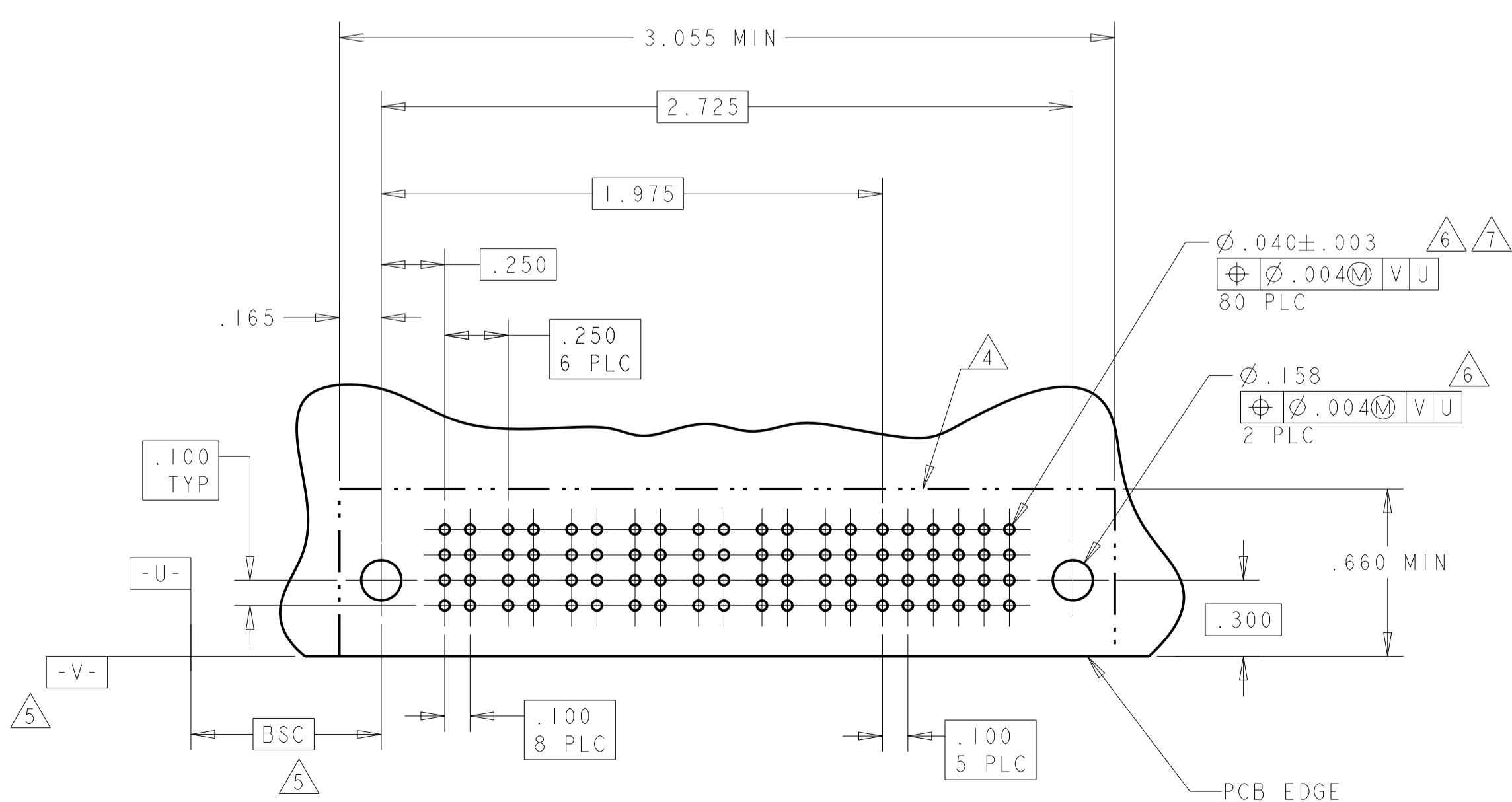
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|-----|------|-----------|------|----|------|
| ES | 00 | REV | DATE | BY | APPV |
| | | 1 | | | |
| | | 2 | | | |

| ASSY PART NUMBER | ROWS | POWER | | | | | | | | | | | | | | SIGNAL | | | | | | |
|------------------|------------------|-------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|--------|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 6450332-2 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | E | E | E | E | E | E | E | E |
| 14P + 28S | | | | | | | | | | | | | | | F | F | F | F | F | F | F | F |
| | | | | | | | | | | | | | | | G | G | G | G | G | G | G | G |
| | | | | | | | | | | | | | | | S | S | S | S | S | H | H | H |

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | 1 | 2 | 3 | 4 | 5 | 6 |
| 6450332-3 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | J | J | J | J | E | E |
| 8P + 24S | | | | | | | | | | K | K | K | K | F | F |
| | | | | | | | | | | N | N | N | N | G | G |
| | | | | | | | | | | S | S | S | S | H | H |



| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 |
| 6450332-4 | D C B A | PM | PM | PM | PM | PM | PM | PM | J | J | E | J | J | J |
| 7P + 24S | | | | | | | | | K | K | K | K | K | K |
| | | | | | | | | | N | N | N | N | N | N |
| | | | | | | | | | S | S | S | S | S | S |



| CODE | MATING SEQUENCE | TAIL LENGTH | ROW |
|------|-----------------|-------------|-----|
| Z | STD | .090 | D |
| Y | STD | .090 | C |
| R | STD | .090 | B |
| O | STD | .090 | A |
| A4 | MLBF | .090 | D |
| A3 | MLBF | .090 | C |
| A2 | MLBF | .090 | B |
| A1 | MLBF | .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. **STE** TE Connectivity

APV: M. PERCHERKE
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: A100779
 SCALE: 4:1 SHEET 3 OF 13 REV H6

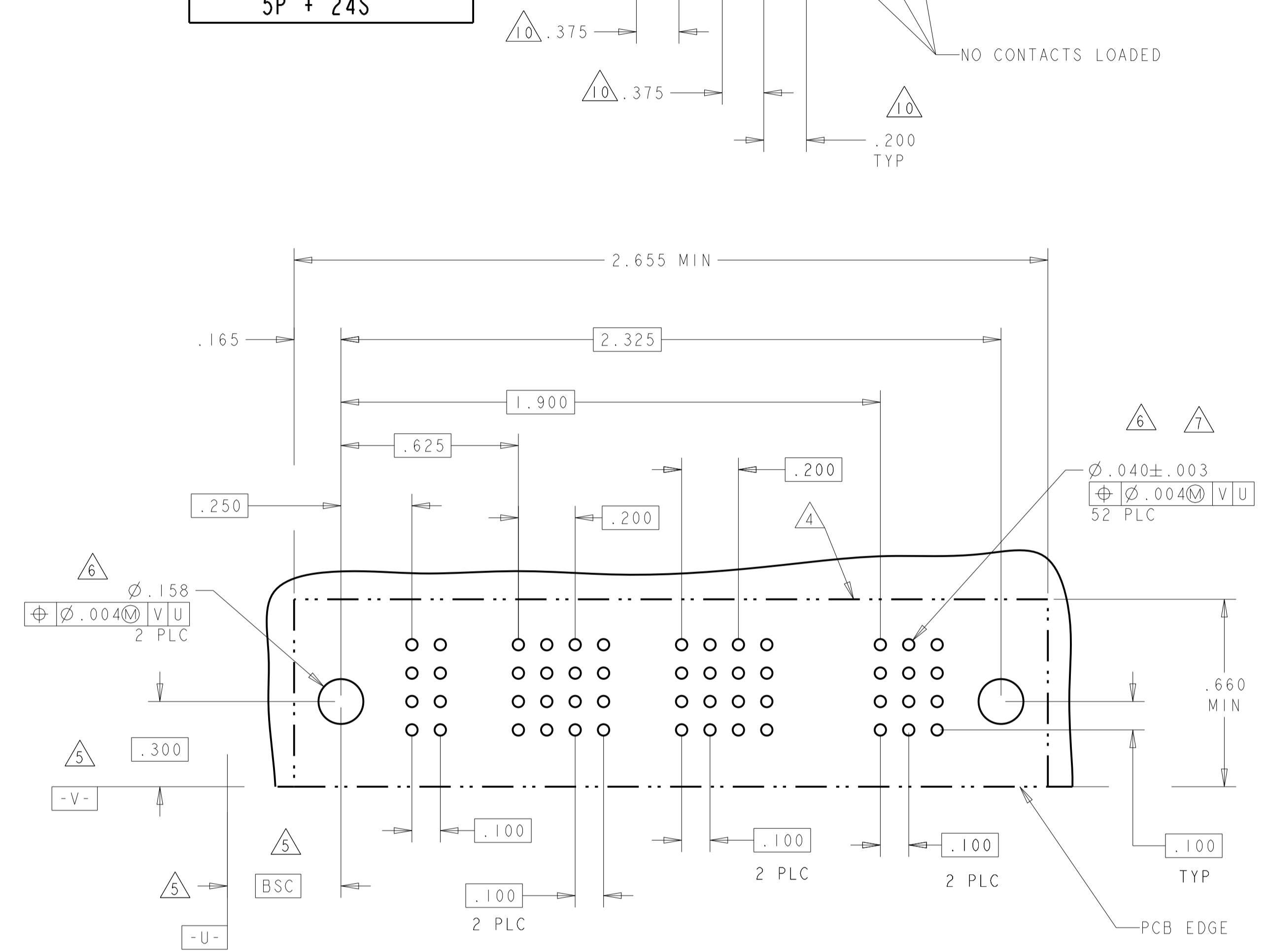
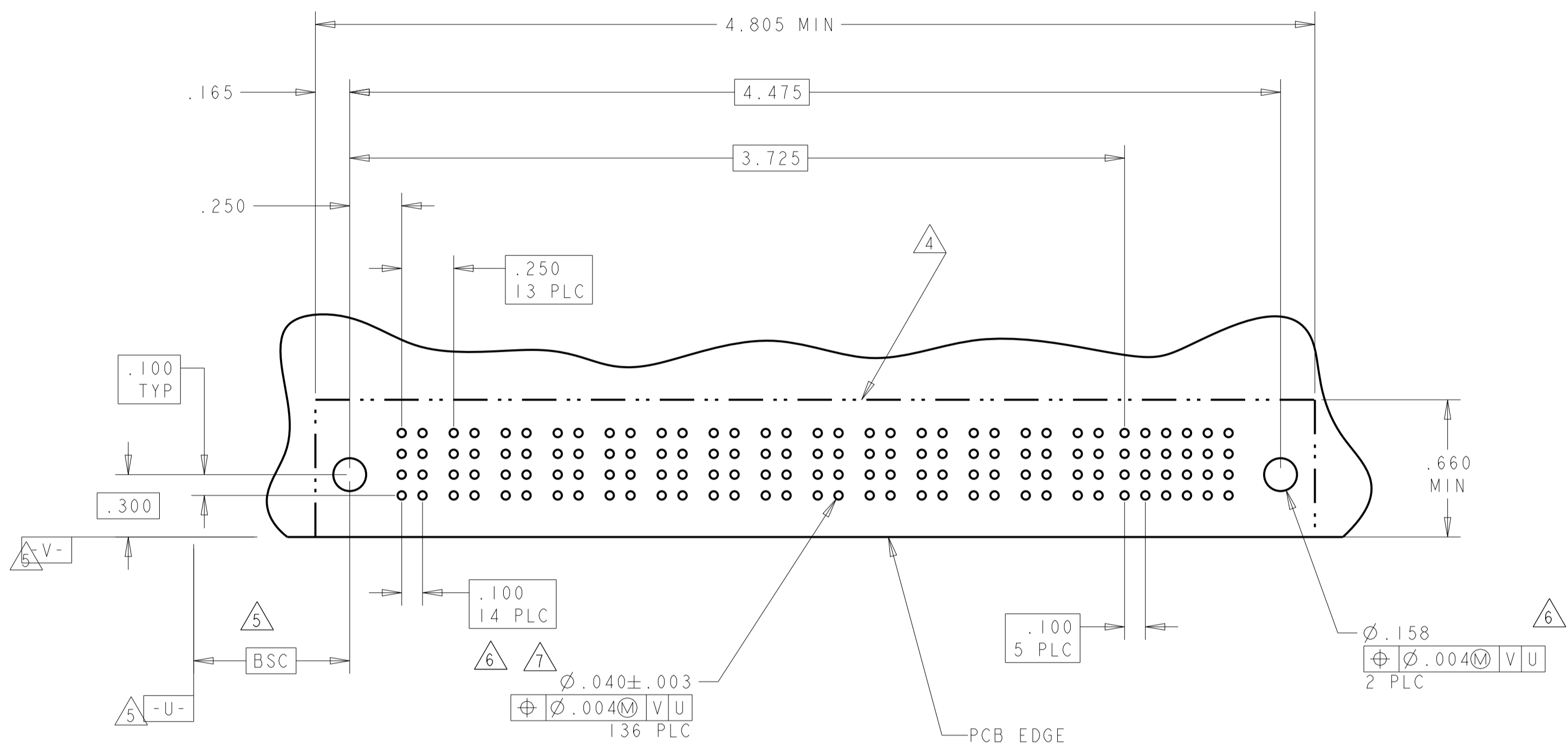
RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

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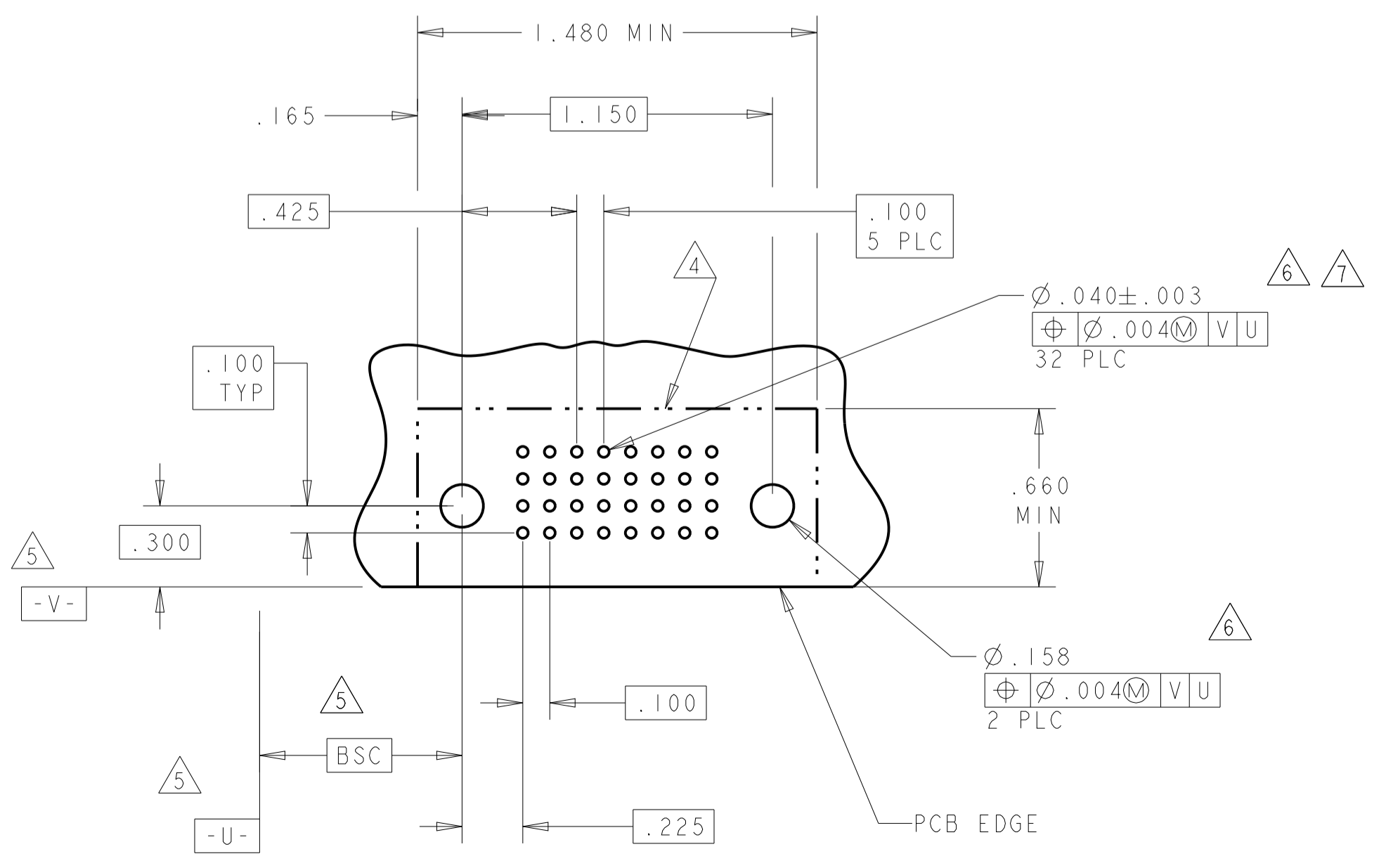
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| 1 | SEE SHEET 1 | | | |

| PART NUMBER | ROWS | POWER | | | | | | | | | | | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | 1 | 2 | 3 | 4 | 5 | 6 |
| 6450332-5 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | E | E | E | E | E | E |
| | | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | F | F | F | F | F | F |
| | | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | G | G | G | G | G | G |
| | | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | H | H | S | S | H | H |
| 14P + 24S | | | | | | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | SIGNAL | | | | | | | |
|-------------|------------------|--------------------|----|----|----|----|--------|---|---|---|---|---|--|--|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | | |
| 1-6450332-2 | D C B A | PM | PM | PM | PM | PM | | | | | | | | |
| | | PM | PM | PM | PM | PM | | | | | | | | |
| | | PM | PM | PM | PM | PM | | | | | | | | |
| | | PM | PM | PM | PM | PM | | | | | | | | |
| 5P + 24S | | NO CONTACTS LOADED | | | | | | | | | | | | |



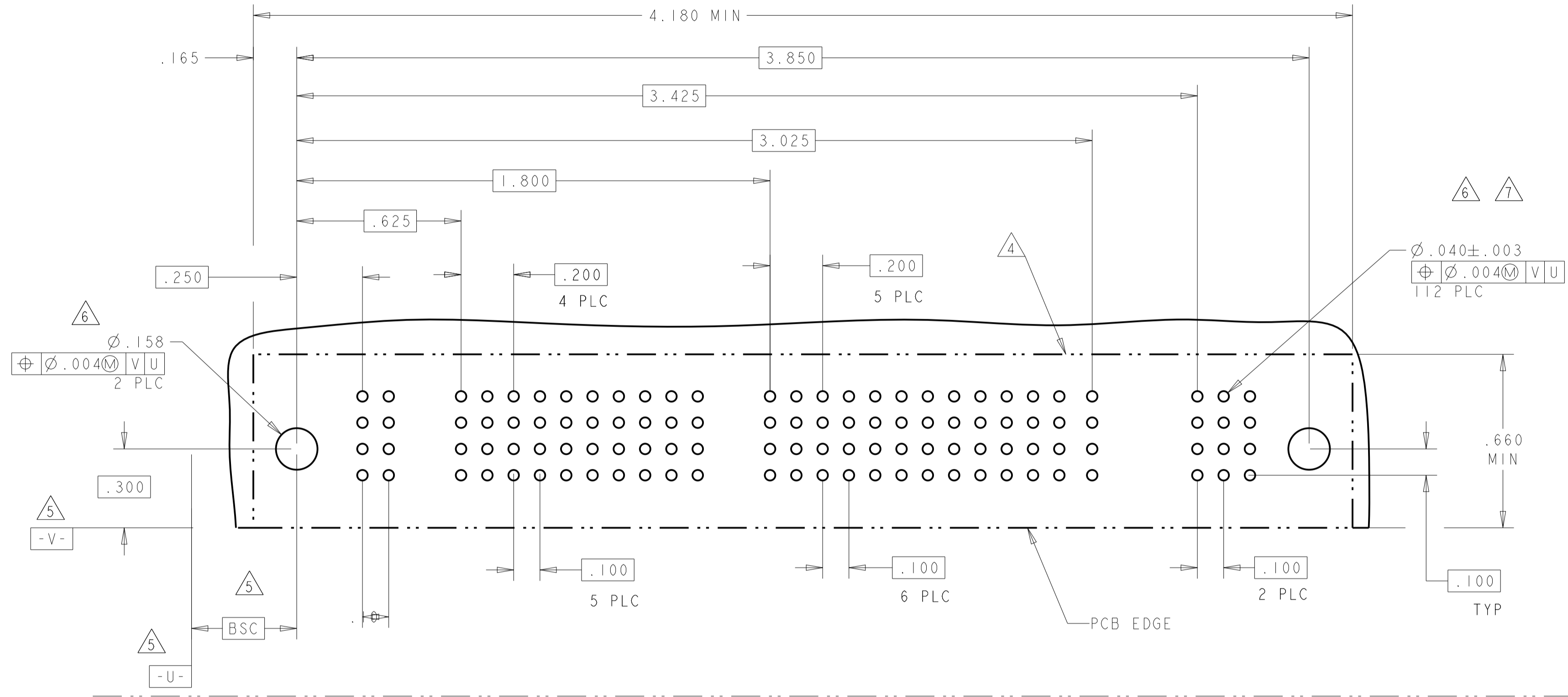
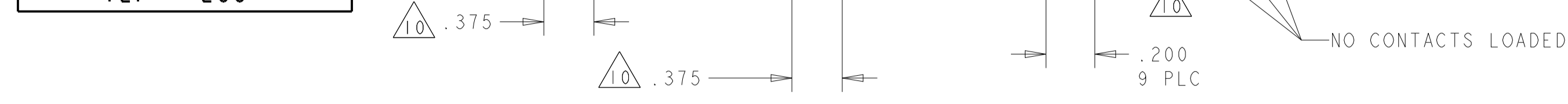
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|-------------|------------------|-------|--------|---|---|---|---|---|
| | | P1 | 1 | 2 | 3 | 4 | 5 | 6 |
| 6450332-6 | D C B A | PM | E | E | E | E | E | J |
| | | PM | F | F | F | F | F | F |
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| | | PM | H | H | H | H | H | H |
| 1P + 24S | | | | | | | | |



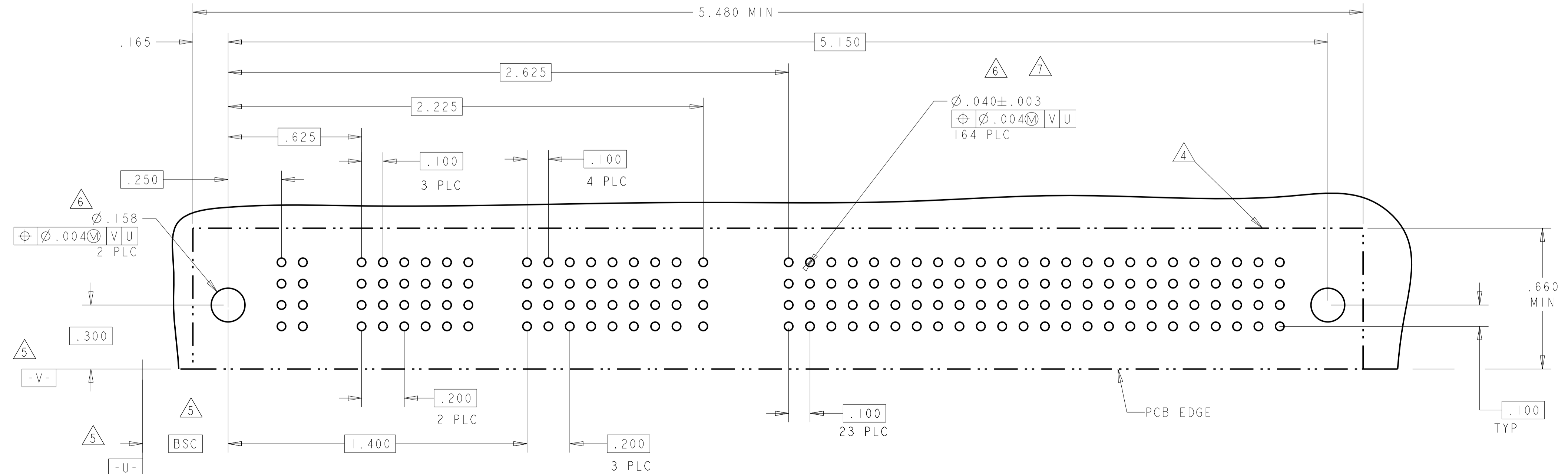
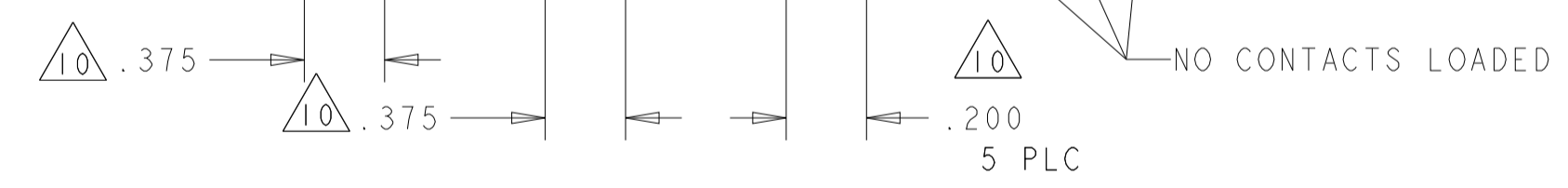
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|--|--|-----------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: R. GRZYBOWSKI 24JAN05 | TE Connectivity | |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 24JAN05 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY 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: CAGE CODE DRAWING NO: 114-13038 | |
| MATERIAL: FINISH: | | APPLICATION SPEC: 114-13038 | RESTRICTED TO: A100779 | |
| | | WEIGHT: CUSTOMER DRAWING | SCALE: 4:1 SHEET 4 OF 13 REV: H6 | |

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

| PART NUMBER | ROWS | POWER | | | | | | | | | | | | SIGNAL | | | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|----|----|-----|-----|-----|--------|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 1-6450332-3 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | J | | | | J | J | J | |
| | | | | | | | | | | | | | | K | | | | K | K | K | |
| | | | | | | | | | | | | | | | N | | | | N | N | N |
| | | | | | | | | | | | | | | | S | | | | S | S | S |



| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|----|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | 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 | | | |
| 1-6450332-4 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | 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 | | |
| | | | | | | | | | | 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 | | |
| | | | | | | | | | | 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 |
| | | | | | | | | | | 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 |



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI 24JAN05
CHK: M. PERCHERKE 24JAN05

APVD: M. PERCHERKE

NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

WEIGHT: -

CUSTOMER DRAWING

SCALE: 4:1

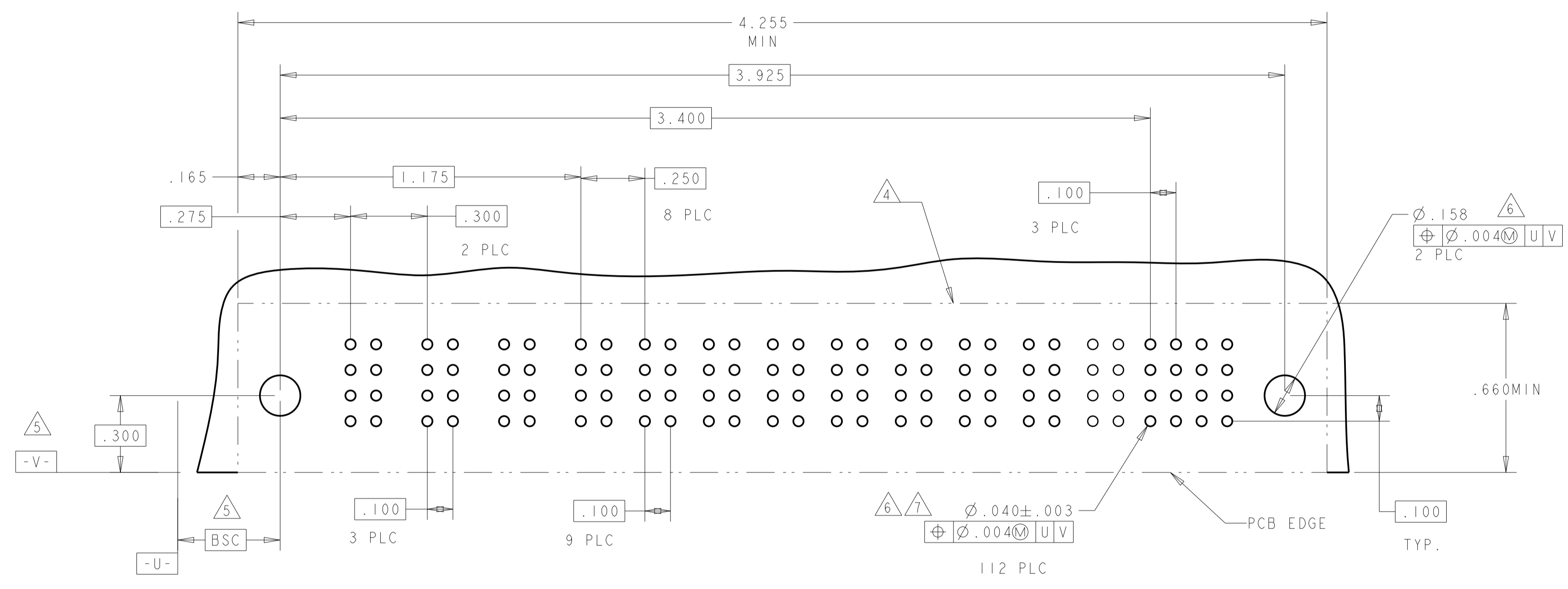
SHEET: 5 OF 13

REV: H6

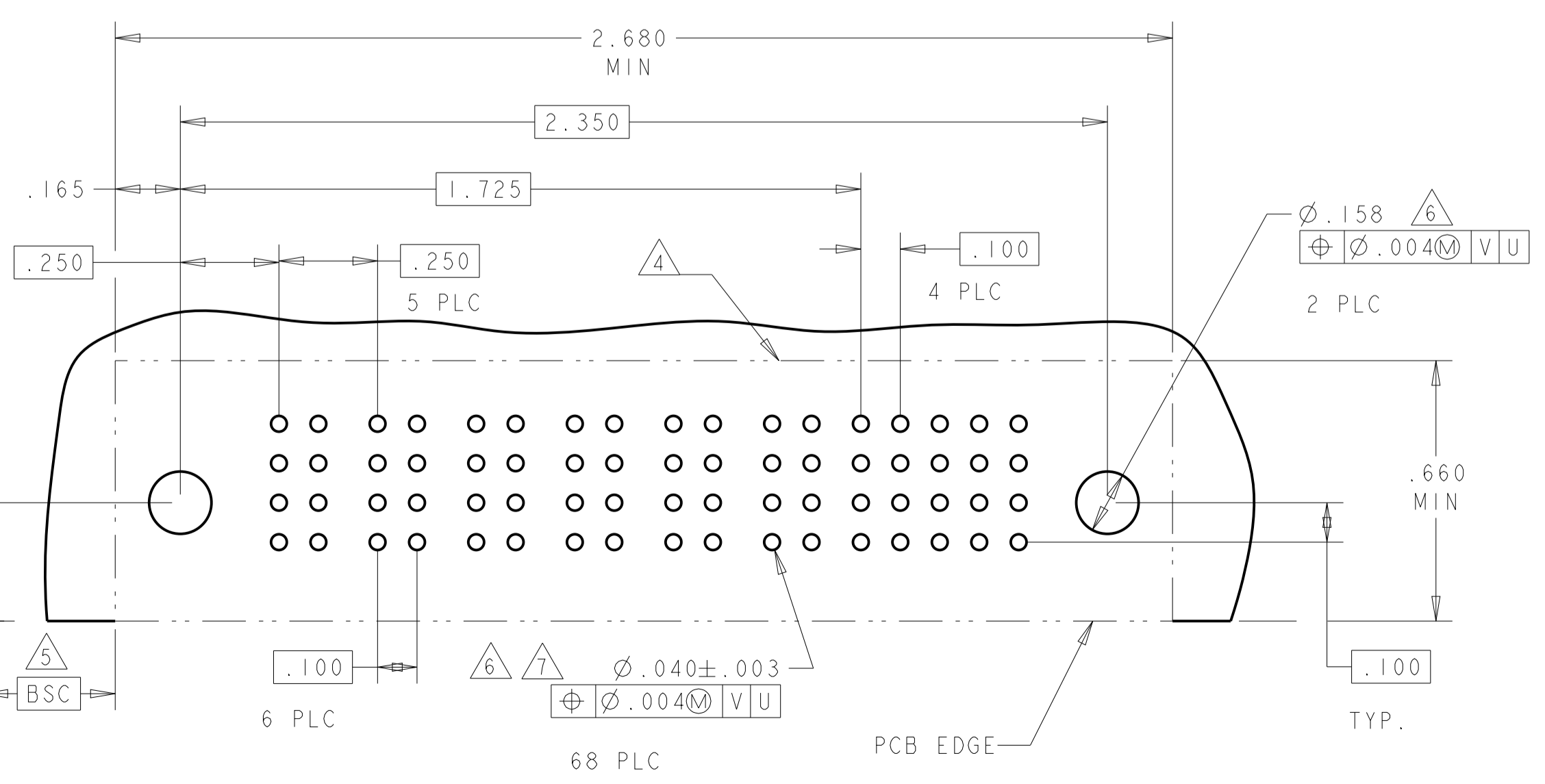
RESTRICTED TO: -

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

| PART NUMBER | ROWS | POWER | | | | | | | | | | | | SIGNAL | | | |
|-------------|------------------|-------|----|----|----|----|----|----|----|----|-----|-----|-----|--------|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | 1 | 2 | 3 | 4 |
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| | | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | K | K | K | K |
| | | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | N | N | N | N |
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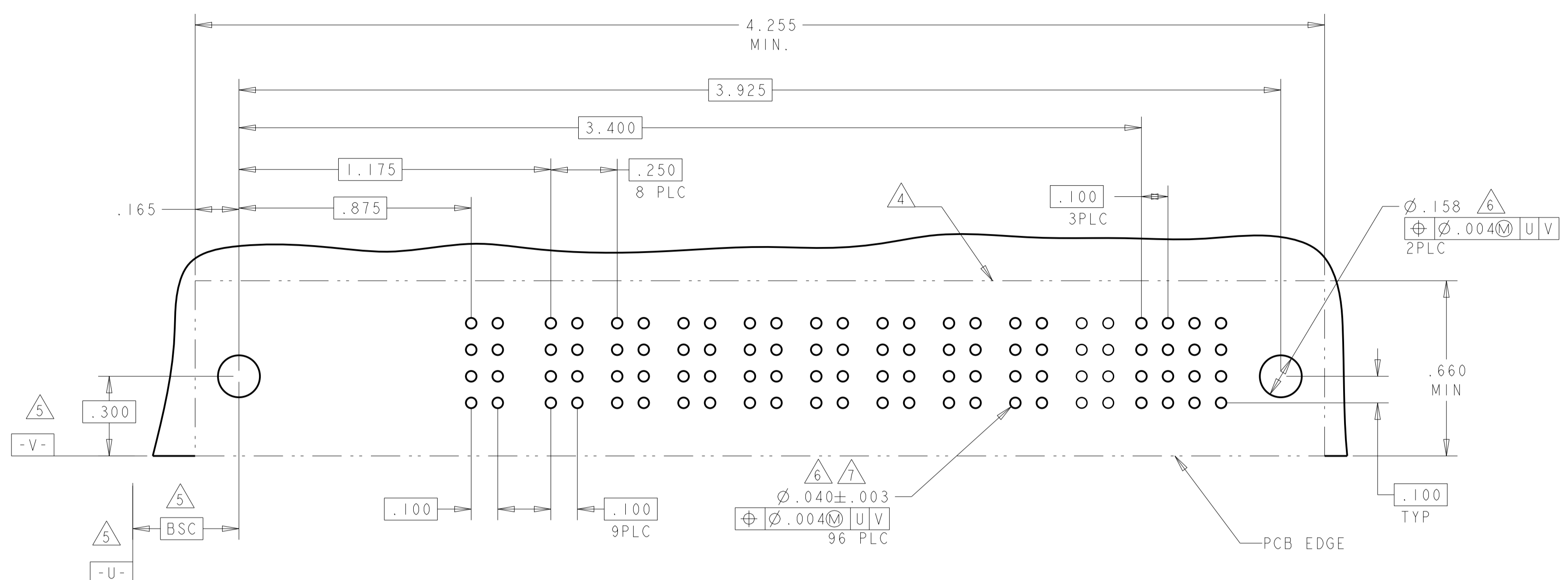
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|-------------|------------------|-------|----|----|----|----|----|--------|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | 1 | 2 | 3 | 4 | 5 |
| I-6450332-7 | D C B A | PM | PM | PM | PM | PM | PM | J | J | J | J | J |
| | | PM | PM | PM | PM | PM | PM | K | K | K | K | K |
| | | PM | PM | PM | PM | PM | PM | N | N | N | N | N |
| | | PM | PM | PM | PM | PM | PM | H | S | S | S | S |



(B1) ADD SHEET 5 OF 6

| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN: R. GRZYBOWSKI 24JAN05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 24JAN05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL |
| 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020 | | PRODUCT SPEC: 108-1973 | SIZE: A |
| MATERIAL: - | | APPLICATION SPEC: 114-13038 | CAGE CODE: 6450332 |
| FINISH: - | | WEIGHT: - | RESTRICTED TO: - |
| CUSTOMER DRAWING | | SCALE: 4:1 | SHEET 6 OF 13 REV: H6 |

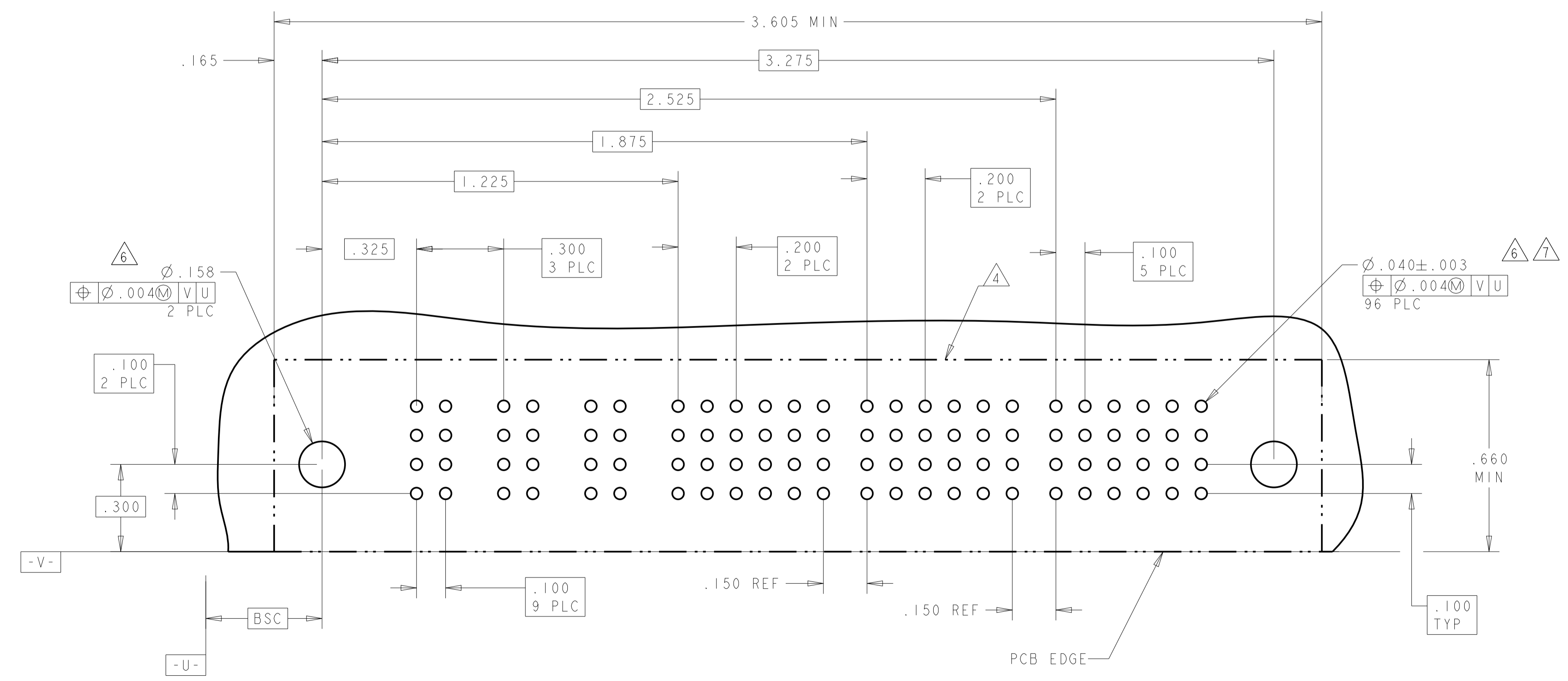
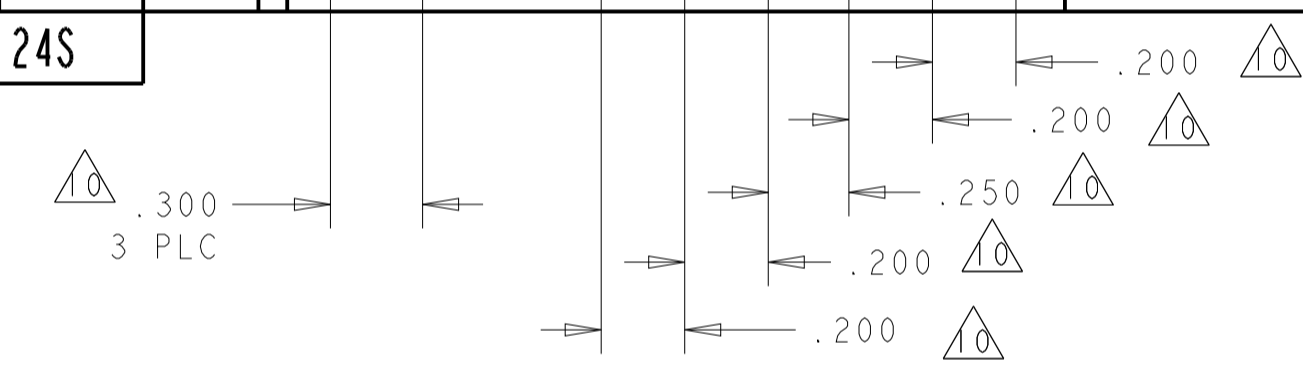
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| ES | 00 | P | LTN | DESCRIPTION | DATE | DWN | APVD | |
| | | | | SEE SHEET 1 | | | | |



| PART NUMBER | ROWS | POWER | | | | | | | | | | SIGNAL | | | | | |
|-----------------|------|-------|----|----|----|----|----|----|----|----|-----|--------|-----|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | 1 | 2 | 3 | 4 |
| 1-6450332-8 | D | | | | | | | | | | | | | J | J | J | J |
| | C | | | | | | | | | | | | | K | K | K | K |
| | B | | | | | | | | | | | | | N | N | N | N |
| A | | | | | | | | | | | | | S | S | S | H | |
| IACP + 9P + 16S | | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | | | |
|-----------------|------|-------|----|----|----|----|----|----|----|--------|---|---|---|---|---|---|--|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1 | 2 | 3 | 4 | 5 | 6 | |
| 6450332-9 | D | | | | | | | | | | J | E | J | J | J | E | |
| | C | | | | | | | | | | K | K | K | K | F | F | |
| | B | | | | | | | | | | N | N | N | N | G | G | |
| | A | | | | | | | | | | S | S | S | S | H | S | |
| 3ACP + 6P + 24S | | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | | | | | SIGNAL | | | | | | |
|-----------------|------|-------|----|----|----|----|----|----|----|----|--------|---|---|---|---|---|--|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1 | 2 | 3 | 4 | 5 | 6 | |
| 2-6450332-3 | D | | | | | | | | | | E | E | E | E | E | E | |
| | C | | | | | | | | | | K | F | F | F | F | F | |
| | B | | | | | | | | | | N | G | G | G | G | G | |
| | A | | | | | | | | | | H | H | H | H | H | S | |
| 3ACP + 6P + 24S | | | | | | | | | | | | | | | | | |



PART NUMBER 6450332-9 & 2-6450332-3 PCB LAYOUT

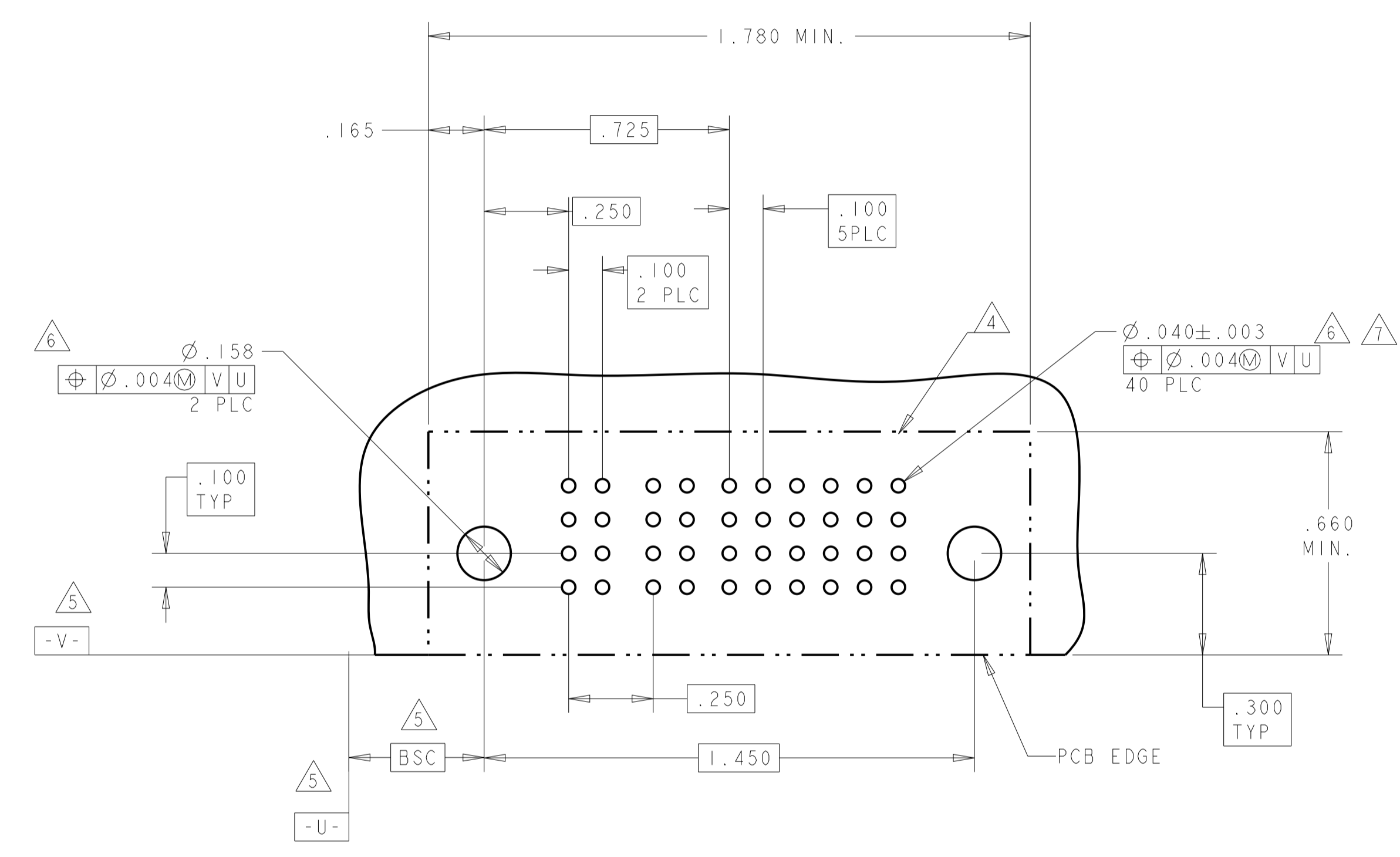
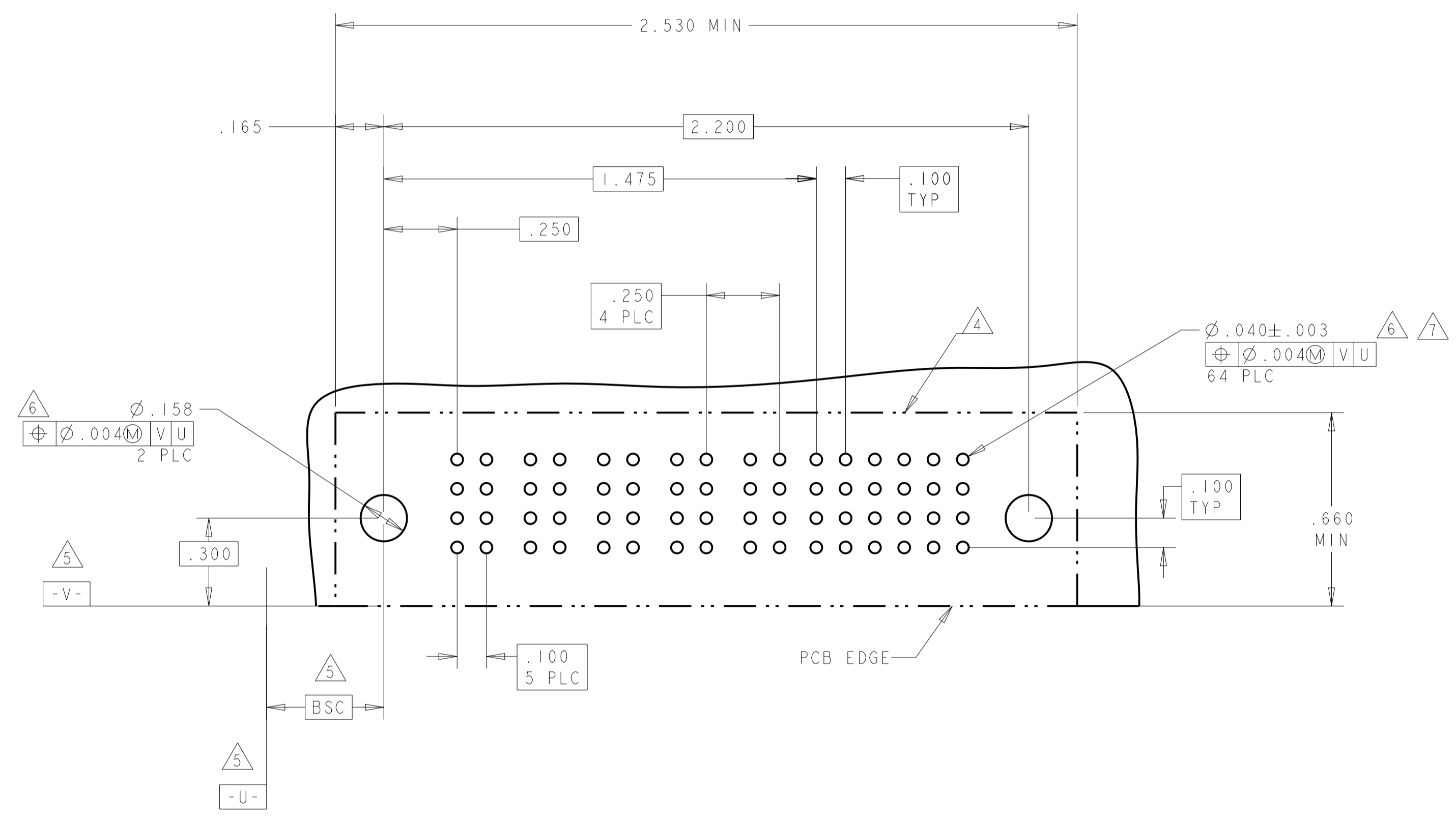
THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: R. GRZYBOWSKI, 24JAN05. CHK: M. PERCHERKE, 24JAN05. APVD: M. PERCHERKE. NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL. PRODUCT SPEC: 108-1973. APPLICATION SPEC: 114-13038. WEIGHT: -. SIZE: A100779. SCALE: 4:1. SHEET 7 OF 13. REV: H6.

STE TE Connectivity

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

| PART NUMBER | ROWS | POWER | | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 |
| 2-6450332-0 | D C B A | PM | PM | PM | PM | PM | E | E | E | E | E | E |
| | | | | | | | K | F | F | F | F | F |
| | | | | | | | N | G | G | G | G | G |
| | | | | | | | H | H | H | H | H | S |
| 5P + 24S | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | |
|-------------|------------------|-------|----|--------|---|---|---|---|---|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 |
| 6450332-8 | D C B A | PM | PM | J | J | J | J | J | J |
| | | | | K | F | K | K | K | K |
| | | | | N | N | N | N | N | N |
| | | | | S | S | S | S | S | S |
| 2P + 24S | | | | | | | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 24JAN05
CHK: M. PERCHERKE 24JAN05
APVD: M. PERCHERKE

STE TE Connectivity

NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

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

SIZE: A1
CAGE CODE: 100779
DRAWING NO: 6450332

RESTRICTED TO: -

CUSTOMER DRAWING

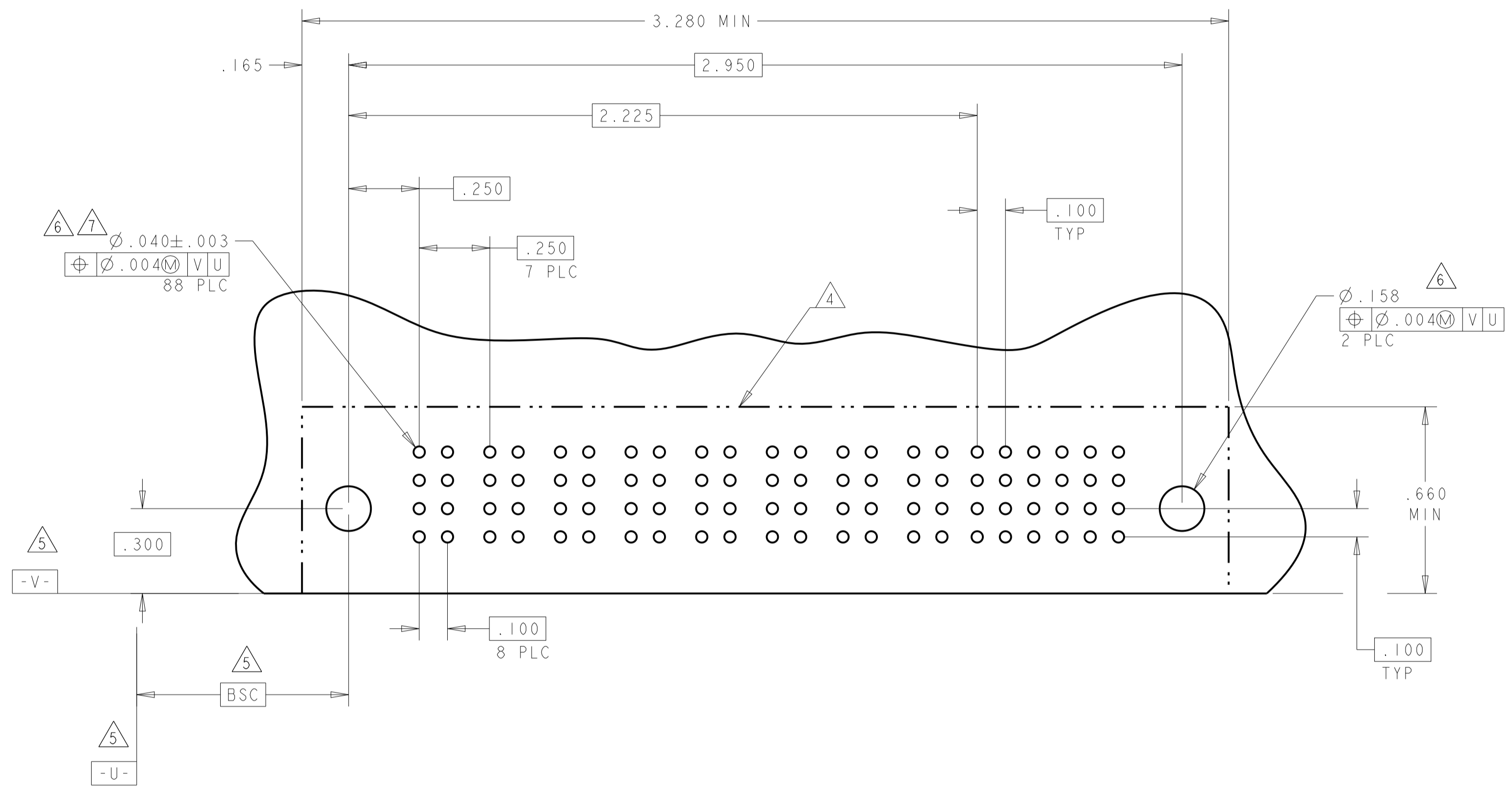
SCALE: 4:1 SHEET 8 OF 13 REV H6

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.01
2 PLC ±.01
3 PLC ±.01
4 PLC ±.005
5 PLC ±.0020
ANGLES ±.2°

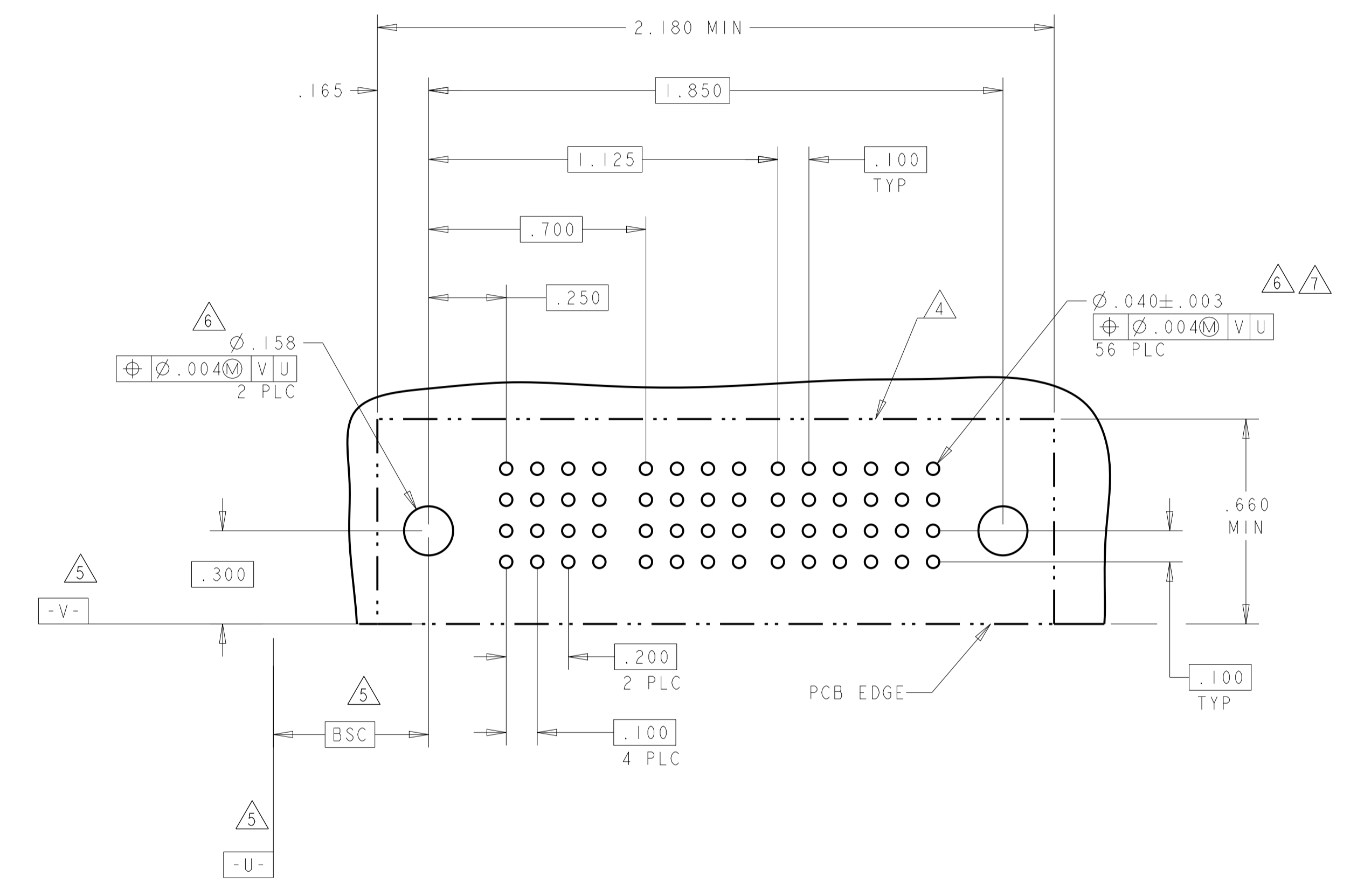
MATERIAL: -
FINISH: -

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

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | 1 | 2 | 3 | 4 | 5 | 6 |
| 2-6450332-4 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | J | J | J | J | E | E |
| | | PM | PM | PM | PM | PM | PM | PM | PM | K | K | K | K | F | F |
| | | PM | PM | PM | PM | PM | PM | PM | PM | N | N | N | N | G | G |
| 8P + 24S | | | | | | | | | S | S | S | S | H | H | |



| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 |
| 2-6450332-5 | D C B A | PM | PM | PM | PM | E | E | E | E | E | E |
| | | PM | PM | PM | PM | K | F | F | F | F | F |
| | | PM | PM | PM | PM | N | G | G | G | G | G |
| 4P + 24S | | | | | | H | H | H | H | H | S |



THIS DRAWING IS A CONTROLLED DOCUMENT.

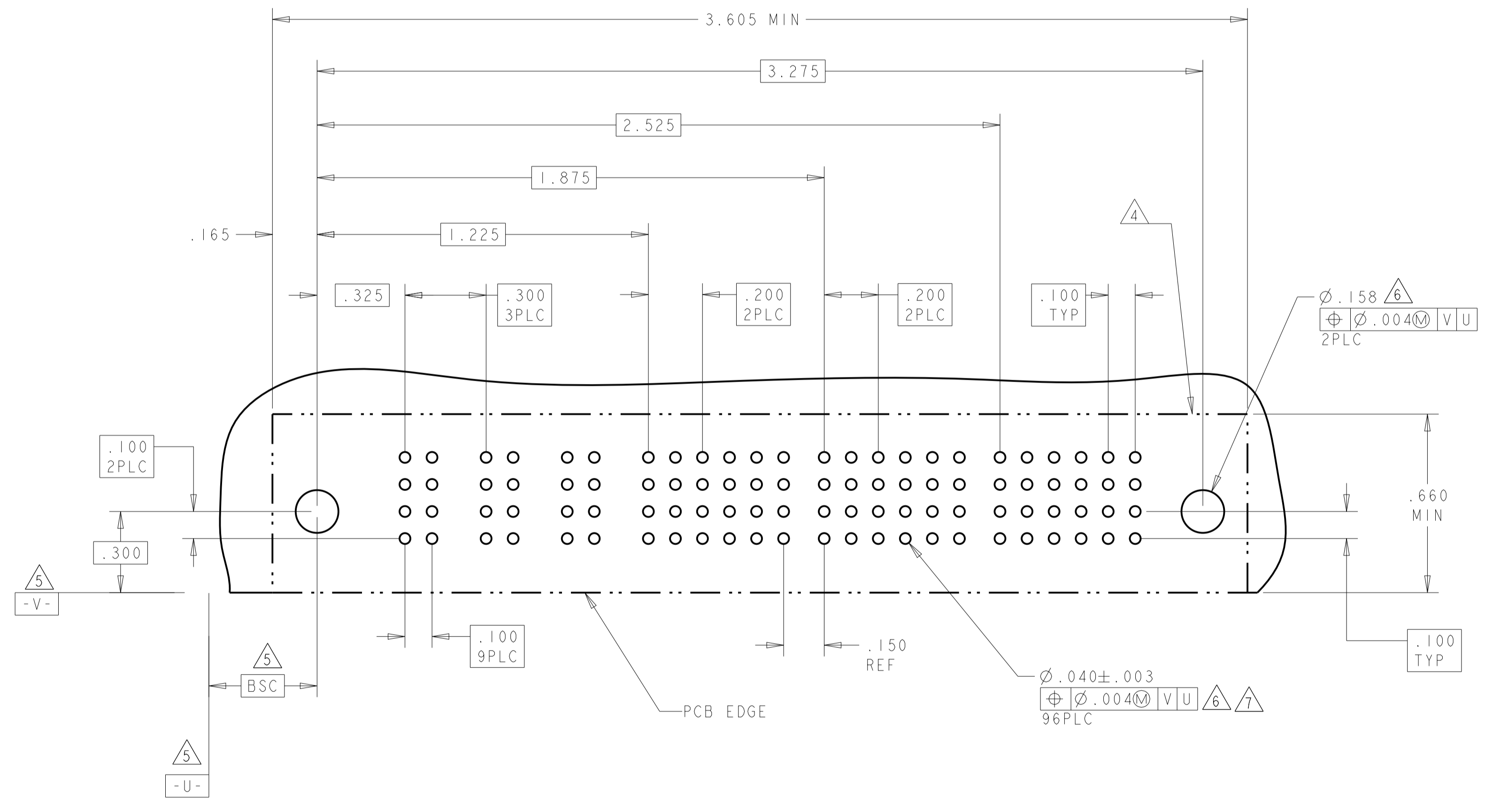
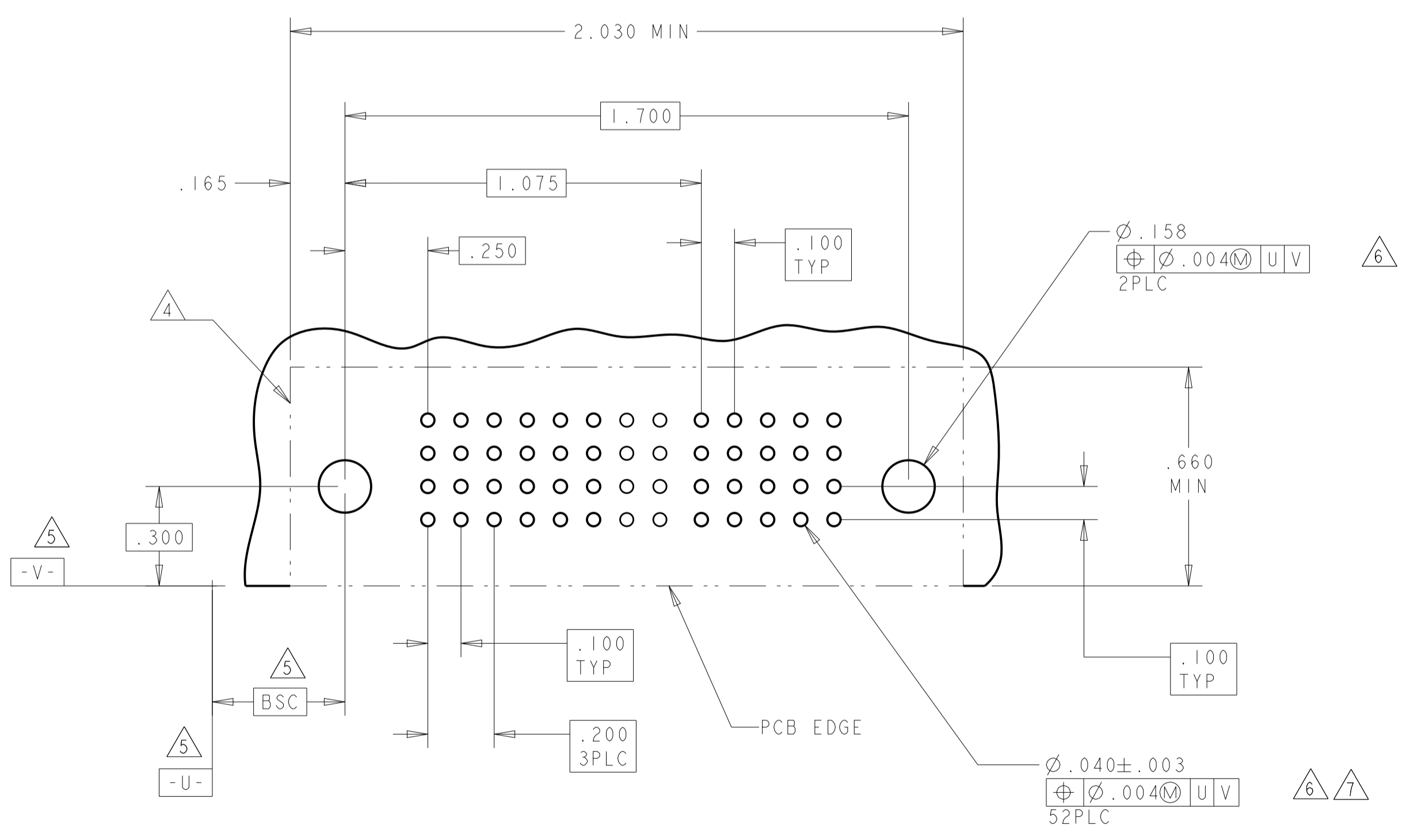
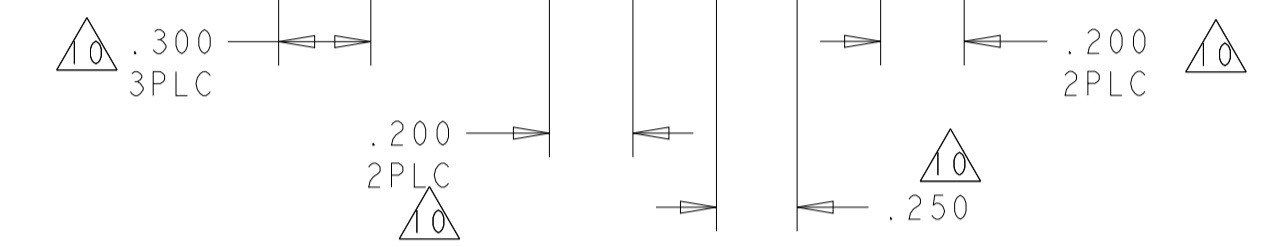
| | | | |
|-----------------------|---|---|-------------------------------------|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.005 5 PLC ±.005 ANGLES ±.0020 | OWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE | DATE: 24JAN05 NAME: M. PERCHERKE |
| | | PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 | RESTRICTED TO: - |
| MATERIAL: - | FINISH: - | WEIGHT: - | SCALE: 4:1 |

STE TE Connectivity
RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL
SIZE: A100779 CAGE CODE: 6450332
SHEET 9 OF 13 REV H6

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

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | |
|-------------|------------------|-------|----|----|----|------------------|------------------|------------------|------------------|------------------|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 |
| 2-6450332-6 | D C B A | PM | PM | PM | PM | J K N H | J K N H | J K N H | J K N H | J K N H |
| 4P + 20S | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | | | | | SIGNAL | | | | | |
|-----------------|------------------|-------|----|----|----|----|----|----|----|----|------------------|------------------|------------------|------------------|------------------|------------------|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1 | 2 | 3 | 4 | 5 | 6 |
| 2-6450332-8 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | PM | E K N H | E F G H | E F G H | E F G H | E F G H | E F G H |
| 3ACP + 6P + 24S | | | | | | | | | | | | | | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: B. GRZYBOWSKI 24JAN05
CHK: M. PERCHERKE 24JAN05
APVD: M. PERCHERKE

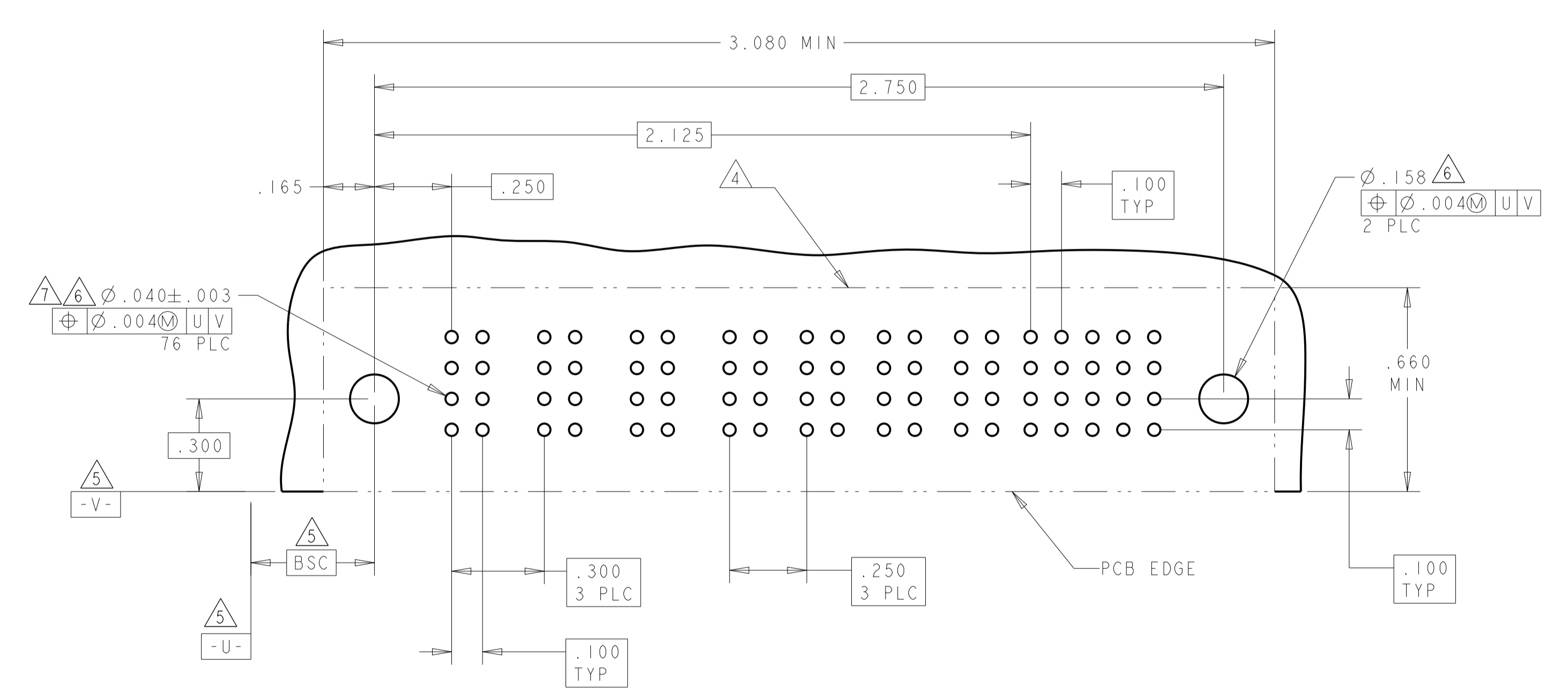
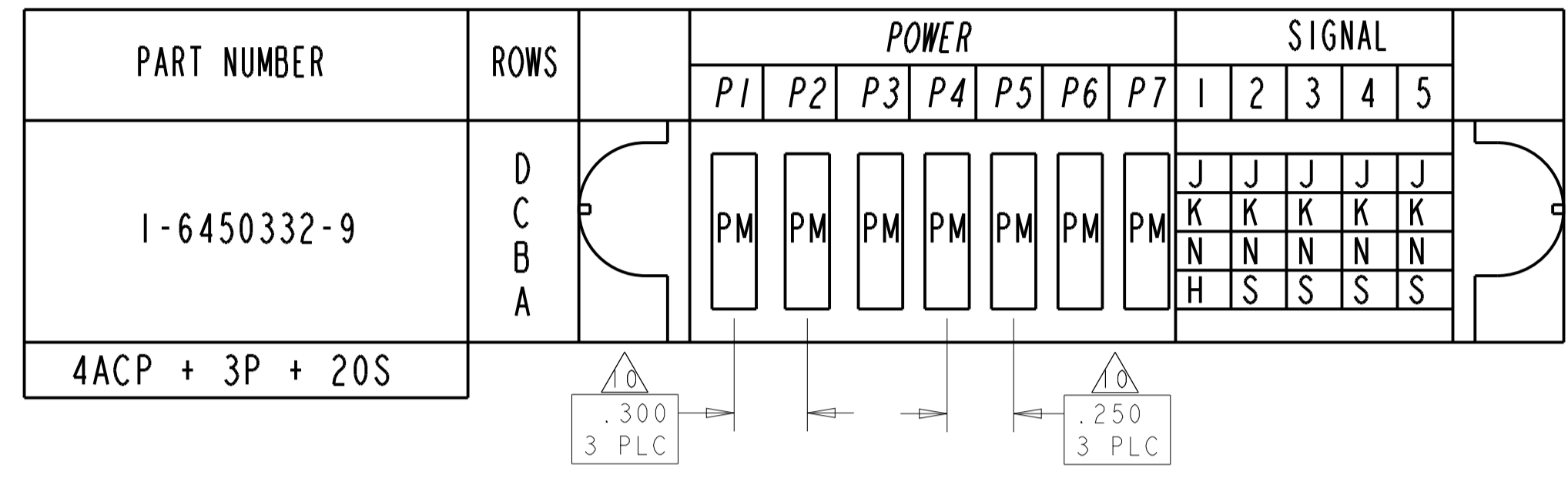
TE Connectivity

RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

PRODUCT SPEC: 108-1973
APPLICATION SPEC: 114-13038
WEIGHT: -
CUSTOMER DRAWING

SCALE: 4:1 SHEET 10 OF 13 REV: H6

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



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: B. GRZYBOWSKI 24JAN05
 CHK: M. PERCHERKE 24JAN05

TE Connectivity

NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

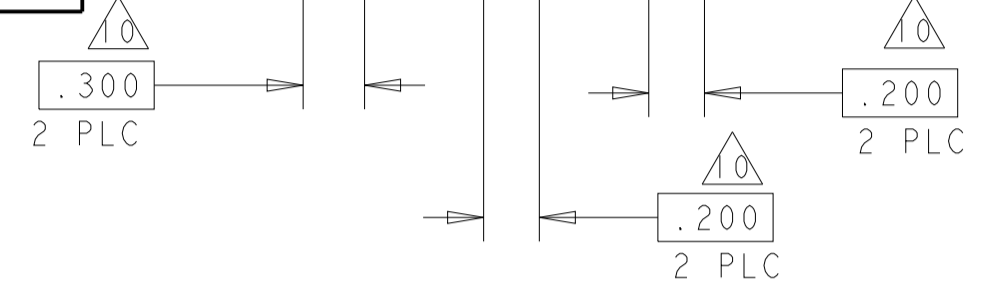
SIZE: A1 CAGE CODE: 6450332

SCALE: 4:1 SHEET 11 OF 13 REV: H6

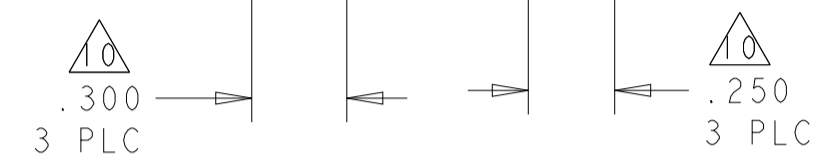
CUSTOMER DRAWING

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

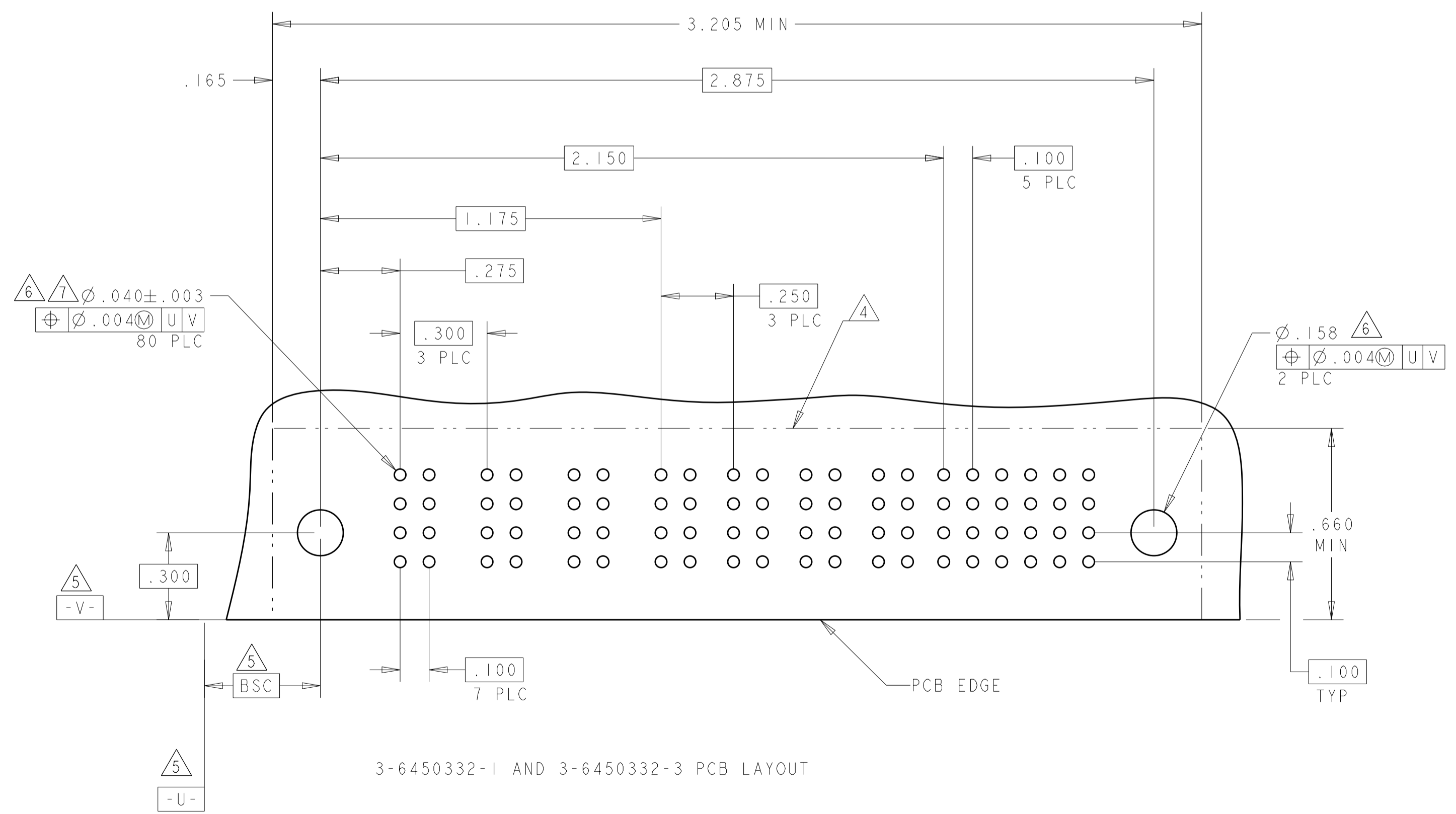
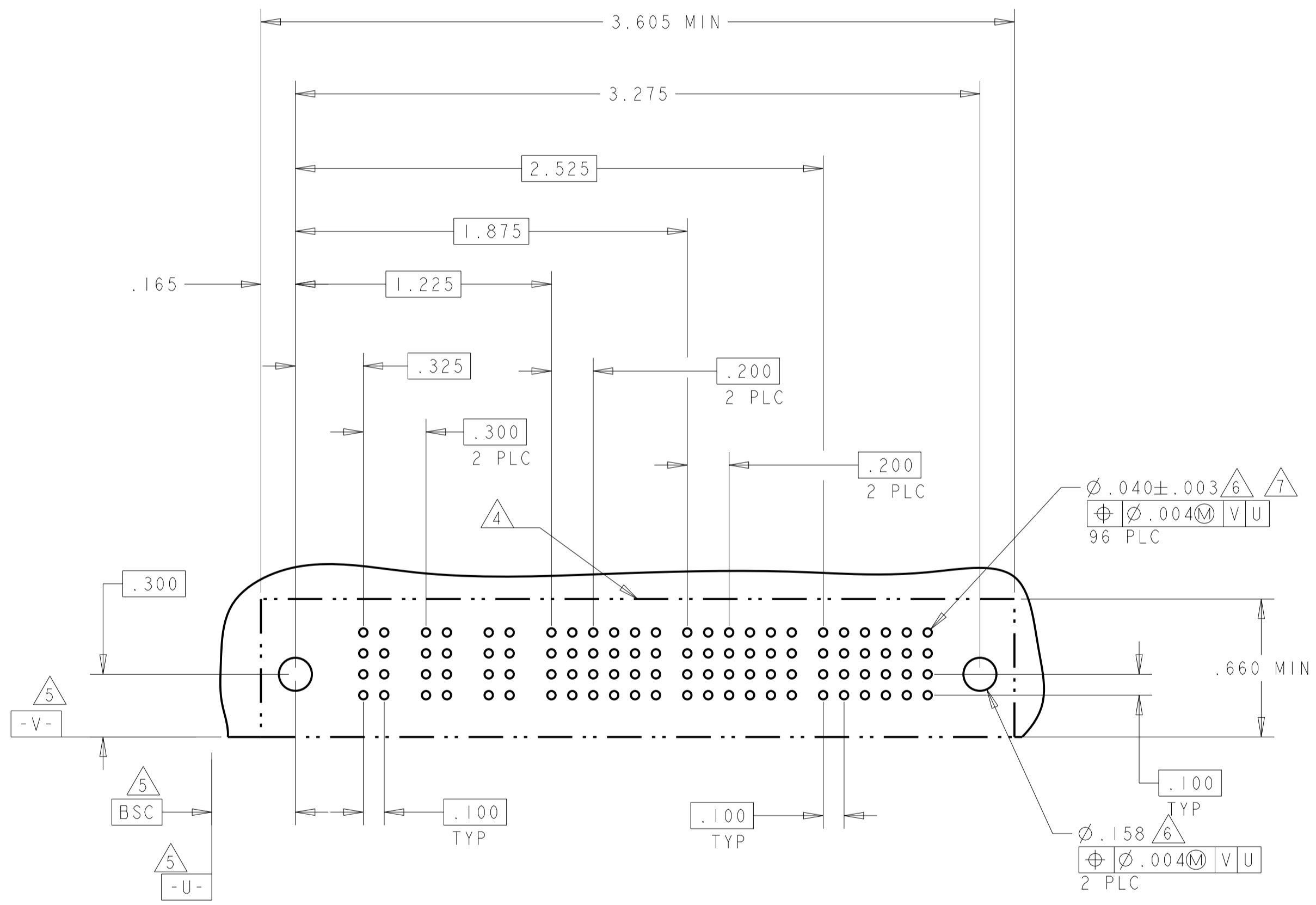
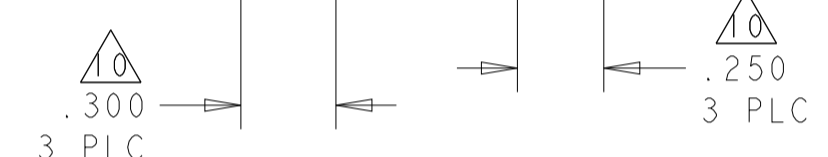
| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|--------|----|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1 | 2 | 3 | 4 | 5 |
| 3-6450332-0 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | J | J | J | J | J | J |
| | | | | | | | | | | K | K | K | K | K | K |
| | | | | | | | | | | N | N | N | N | N | N |
| | | | | | | | | | | S | S | S | S | S | S |



| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 |
| 3-6450332-1 | D C B A | PM | PM | PM | PM | PM | PM | PM | J | J | J | J | J | J |
| | | | | | | | | | K | K | K | K | K | K |
| | | | | | | | | | N | N | N | N | N | N |
| | | | | | | | | | H | S | S | S | S | S |



| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|----|----|----|--------|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 |
| 3-6450332-3 | D C B A | PM | PM | PM | PM | PM | PM | PM | E | E | J | J | J | E |
| | | | | | | | | | K | F | F | F | K | F |
| | | | | | | | | | N | G | G | G | N | G |
| | | | | | | | | | S | H | S | S | H | H |



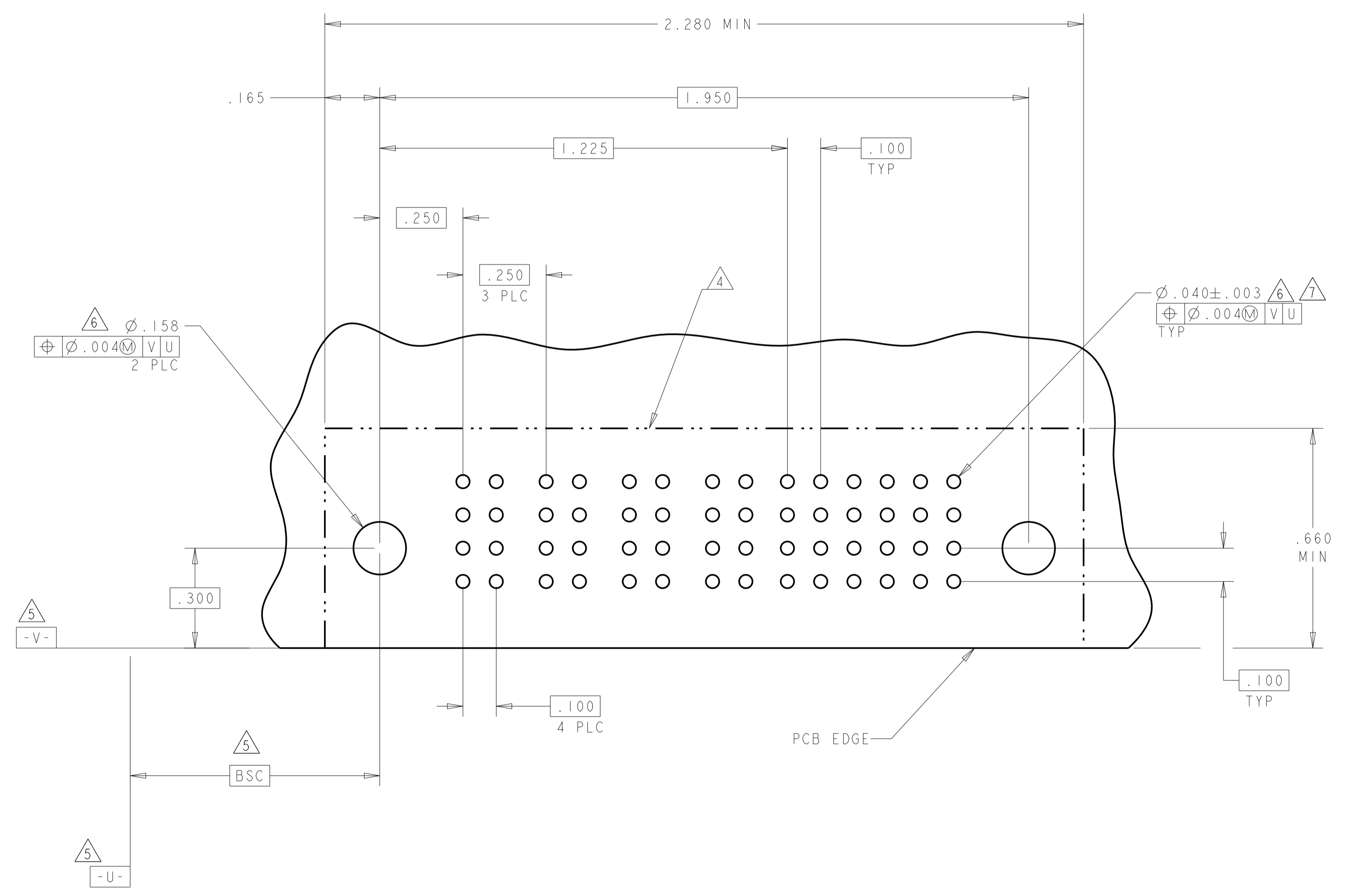
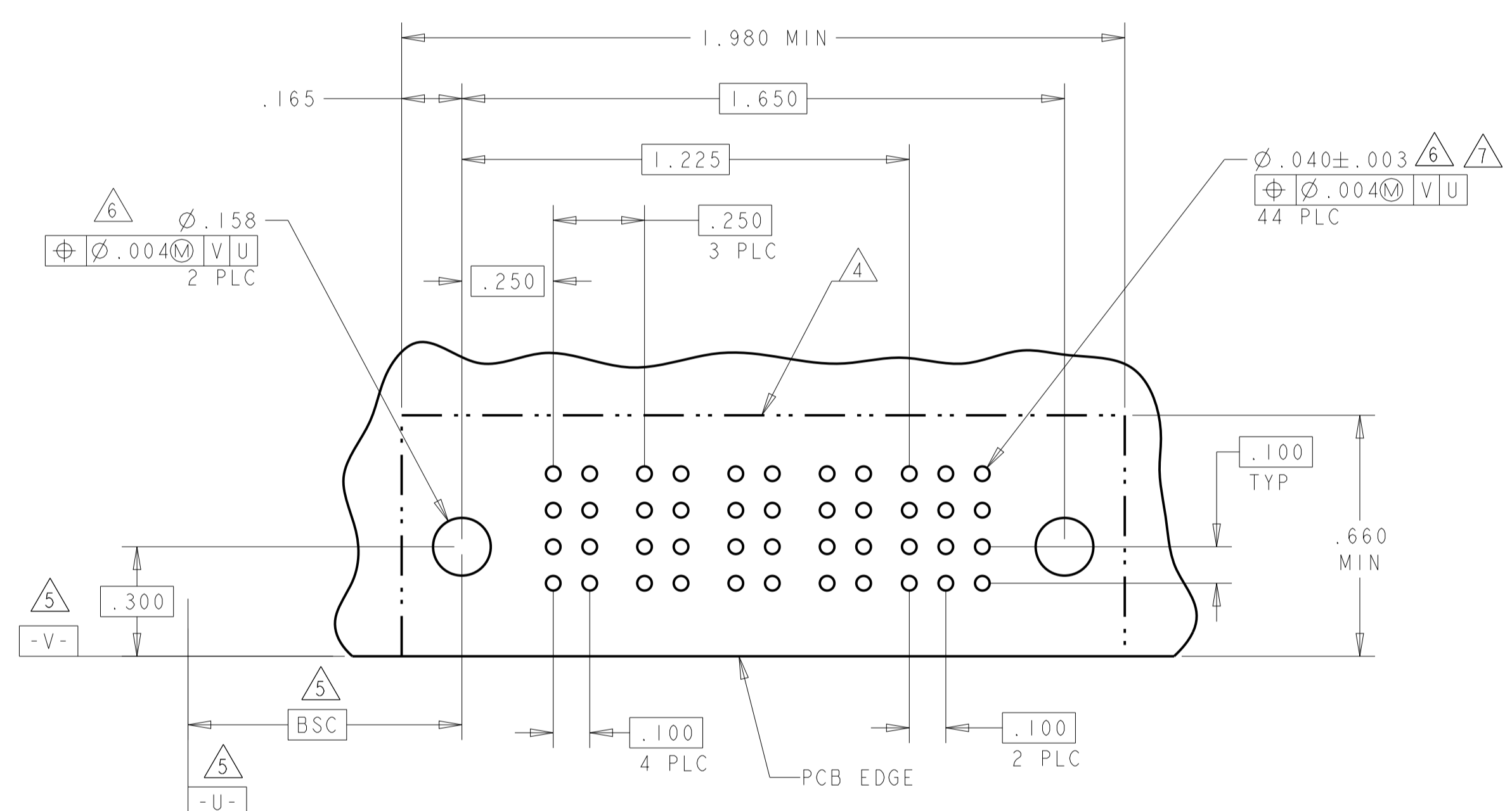
3-6450332-1 AND 3-6450332-3 PCB LAYOUT

| | | | |
|--|--------------|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: R. GRZYBOWSKI 24JAN05 | TE Connectivity |
| DIMENSIONS: INCHES | | CHK: M. PERCHERKE 24JAN05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: M. PERCHERKE | NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL |
| 0 PLC ±.01 | 1 PLC ±.01 | PRODUCT SPEC: 108-1973 | SIZE: CAGE CODE: DRAWING NO: A100779 |
| 2 PLC ±.01 | 3 PLC ±.005 | APPLICATION SPEC: 114-13038 | RESTRICTED TO: - |
| 4 PLC ±.002 | ANGLES ±.002 | WEIGHT: - | SCALE: 4:1 SHEET 12 OF 13 REV: H6 |
| MATERIAL: - | FINISH: - | CUSTOMER DRAWING | |

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

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | |
|-------------|------------------|-------|----|----|----|------------------|------------------|------------------|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 |
| 3-6450332-2 | D C B A | PM | PM | PM | PM | J K N S | E F N S | J F N S |
| 4P + 12S | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | |
|-------------|------------------|-------|----|----|----|------------------|------------------|------------------|------------------|------------------|------------------|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 |
| 3-6450332-4 | D C B A | PM | PM | PM | PM | E K N S | E F G H | J F G S | J F G S | J K N S | E F G H |
| 4P + 24S | | | | | | | | | | | |



| | | | | | | | | | | | | |
|---|--------|----------------------|------------------|--|------|-------|-------|-------|--------|--------------------------|-------------------------------|--------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN R. GRZYBOWSKI | 24JAN05 | STE TE Connectivity | | | | | | | | |
| DIMENSIONS: INCHES | | CHK M. PERCHERKE | 24JAN05 | | | | | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD M. PERCHERKE | | NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL | | | | | | | | |
| <table border="0"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 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 | 3 PLC | ±.005 | 4 PLC | ±.0020 | PRODUCT SPEC 108-1973 | APPLICATION SPEC 114-13038 | SIZE A100779C=6450332 |
| 0 PLC | ± | | | | | | | | | | | |
| 1 PLC | ±.01 | | | | | | | | | | | |
| 3 PLC | ±.005 | | | | | | | | | | | |
| 4 PLC | ±.0020 | | | | | | | | | | | |
| MATERIAL | FINISH | WEIGHT | CUSTOMER DRAWING | RESTRICTED TO | | | | | | | | |
| SCALE 4:1 | | | SHEET 13 OF 13 | REV H6 | | | | | | | | |



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.