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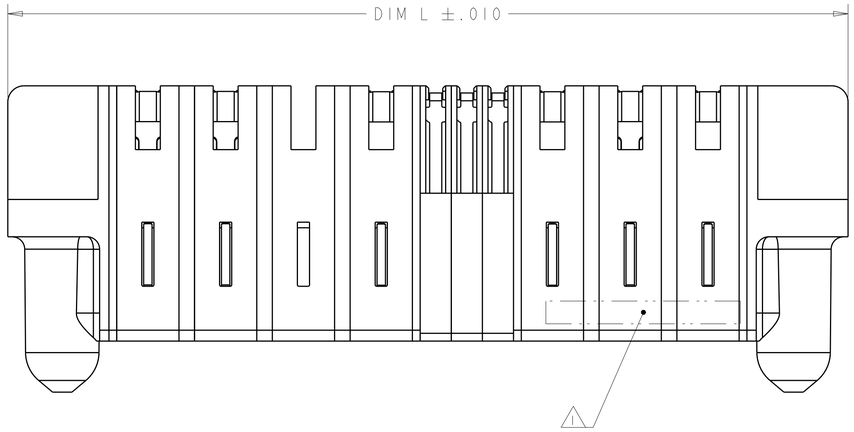
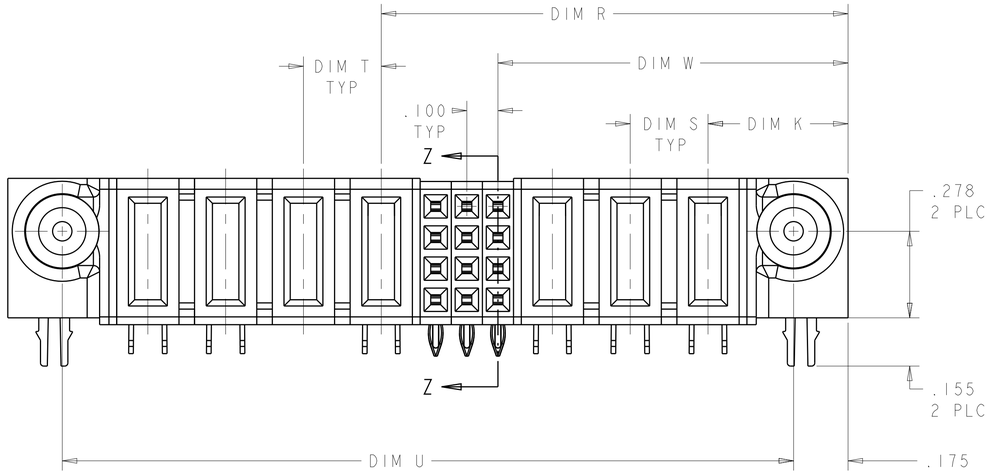
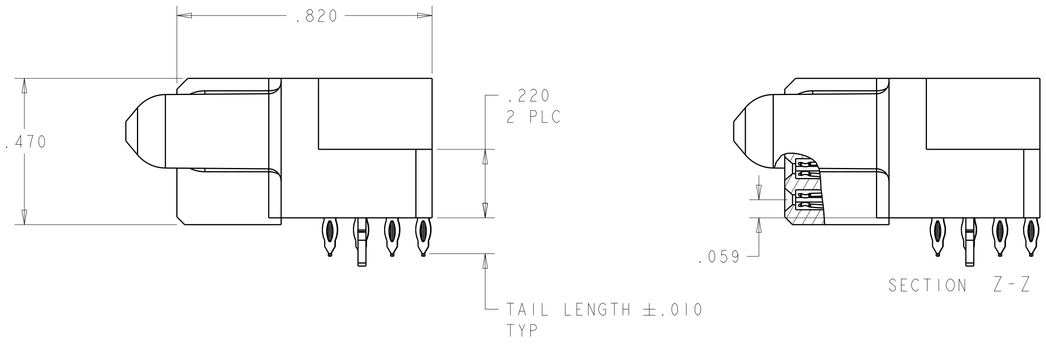
REVISIONS

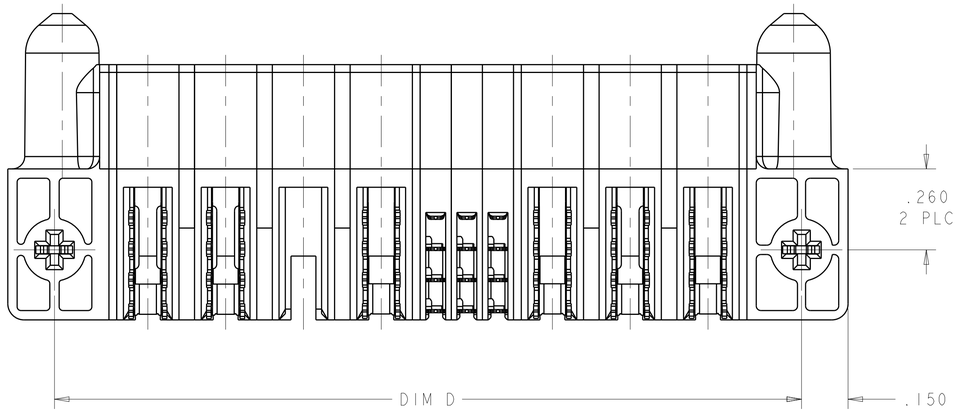
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | H2 | REV PER ECR-12-010534 | 11JUN2012 | CZ | SZ |
| | H3 | REV PER ECR-13-004638 | 20MAR2013 | ML | SZ |




1. "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
2. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UV94 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 - .0453 ±.0010 DRILLED HOLE PLATED WITH .0003 MIN Sn OVER .001-.003 PLATING TO ACHIEVE A .040 HOLE




| MOUNTING HOLES | TAIL LENGTH | U | T | S | R | W | D | M | L | K | DESCRIPTION | PART NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .150 | .119 | 3.700 | .250 | .250 | 2.850 | 1.375 | 3.750 | - | 4.050 | .450 | 4P + 56S + 4P | 1-6450560-9 |
| (6) .150 | .119 | 2.900 | .250 | .250 | 2.050 | 1.375 | 2.950 | - | 3.250 | .450 | 4P + 24S + 4P | 1-6450560-7 |
| NO | .119 | 5.100 | .250 | .250 | 3.250 | 2.375 | 5.150 | - | 5.450 | .450 | 8P + 32S + 8P | 1-6450560-6 |
| .150 | .119 | 2.850 | .250 | .250 | 2.500 | 1.875 | 2.900 | - | 3.200 | .450 | 6P + 20S + 2P | 1-6450560-5 |
| .150 | .119 | 2.000 | .250 | .250 | 1.650 | .925 | 2.050 | - | 2.350 | .450 | 2P + 24S + 2P | 1-6450560-3 |
| .150 | .119 | 1.900 | .250 | .250 | 1.550 | .875 | 1.950 | - | 2.250 | .450 | 2P + 24S + 2P | 1-6450560-2 |
| .150 | .165 | 2.300 | .200 | .200 | 1.600 | 1.225 | 2.350 | - | 2.650 | .450 | 4P + 12S + 4P | 1-6450560-1 |
| NO | .165 | 3.800 | .250 | .250 | 3.450 | .875 | 3.850 | - | 4.150 | .450 | 2P + 100S + 2P | 6450560-8 |
| .150 | .119 | 2.600 | .250 | .250 | 2.250 | 1.925 | 2.650 | - | 2.950 | .450 | 6P + 8S + 2P | 6450560-6 |
| NO | .165 | 4.000 | .200 | .200 | 2.700 | 1.825 | 4.050 | - | 4.350 | .450 | 7HDP + 32S + 7HDP | 6450560-4 |
| NO | .119 | 1.200 | - | - | 1.100 | .625 | 1.250 | - | 1.550 | .450 | 1P + 16S + 1P | 6450560-3 |
| NO | .119 | 3.600 | .250 | .250 | 2.500 | 1.625 | 3.650 | - | 3.950 | .450 | 5P + 32S + 5P | 6450560-2 |
| NO | .119 | 2.350 | .250 | .250 | 1.500 | 1.125 | 2.400 | - | 2.700 | .450 | 3P + 12S + 4P | 6450560-1 |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL: 2
FINISH: 3

DWN R.GRZYBOWSKI 09MAR05
CHK M.PERCHERKE 09MAR05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450560 | RESTRICTED TO -

Customer Drawing | SCALE 4:1 | SHEET 1 OF 7 | REV H3

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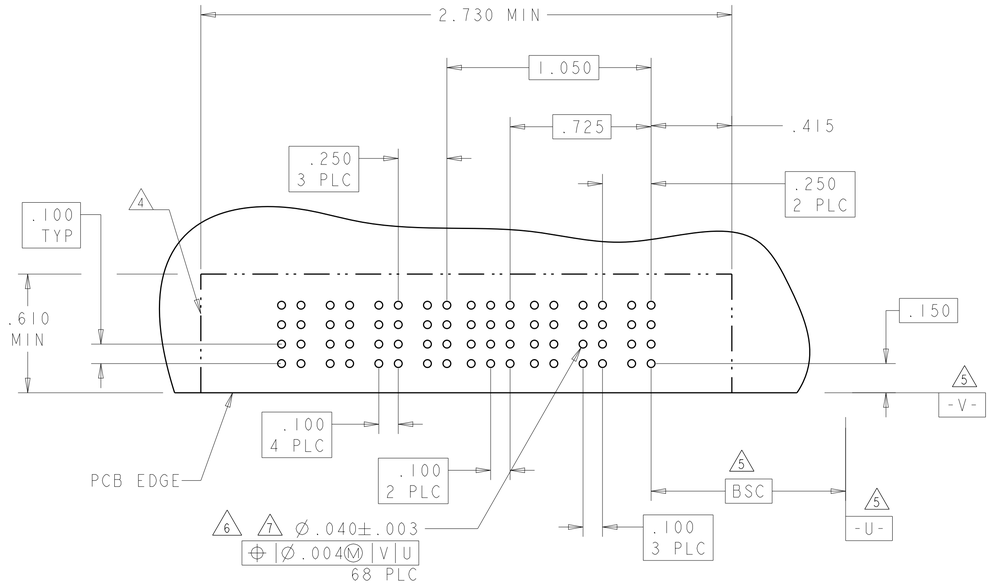
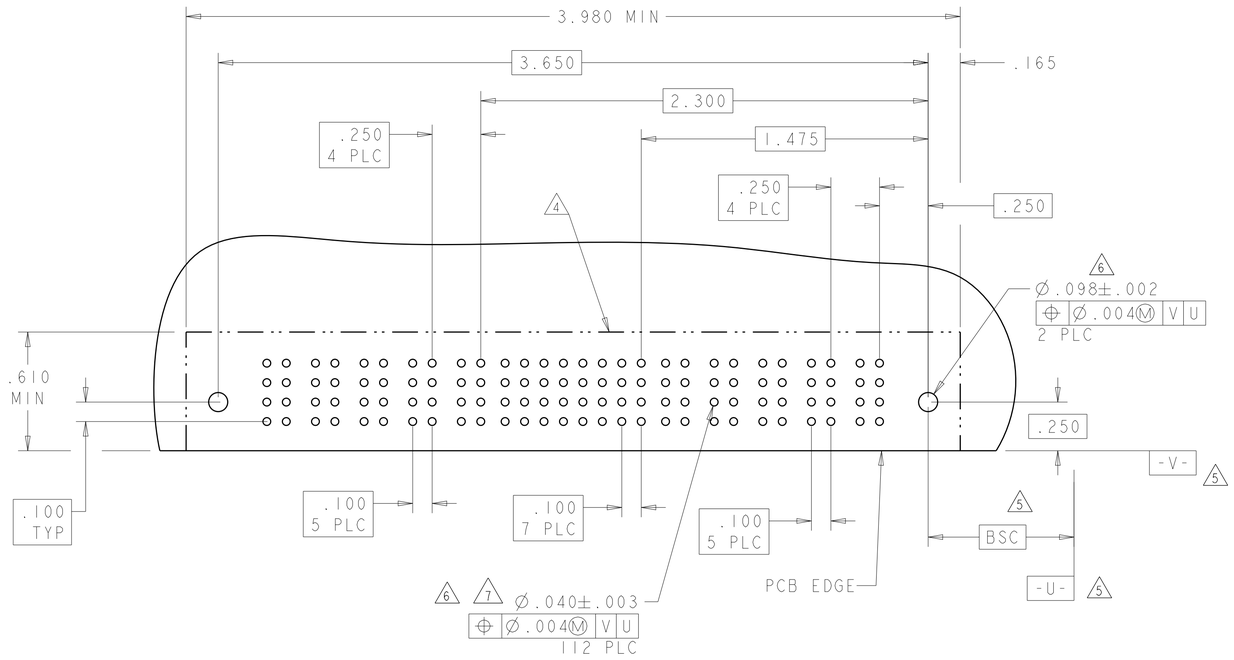
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

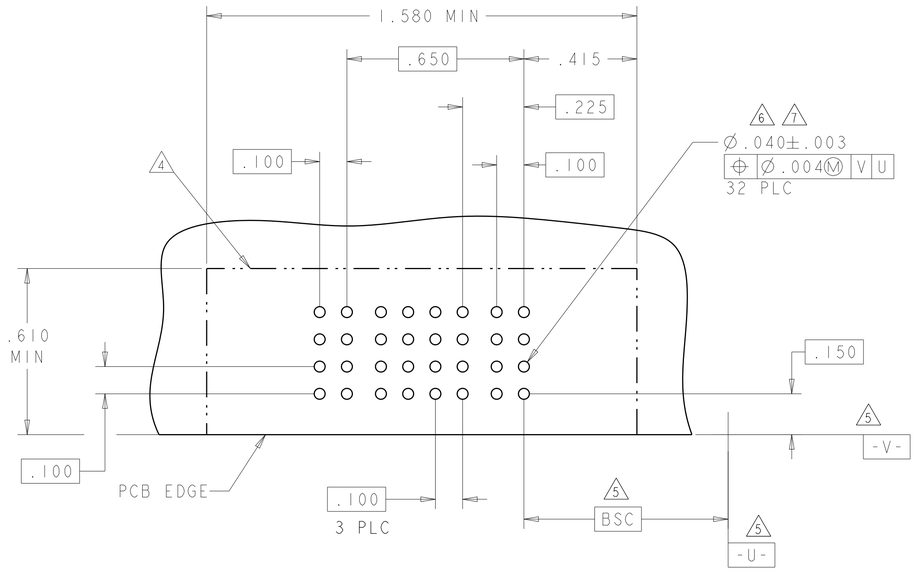
| PART NUMBER | ROWS | POWER P7 | POWER P6 | POWER P5 | POWER P4 | SIGNAL 3 | SIGNAL 2 | SIGNAL 1 | POWER P3 | POWER P2 | POWER P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450560-1 | D C B A | RS | RS | | RP | D C B A | D C B A | D C B A | RP | RS | RP |
| 3P + 12S + 4P | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER P10 | P9 | P8 | P7 | P6 | SIGNAL 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | POWER P5 | P4 | P3 | P2 | P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450560-2 | D C B A | RP | RP | RP | RP | RP | D C B A | D C B A | D C B A | D C B A | D C B A | D C B A | D C B A | D C B A | RP | RP | RP | RP | RP |
| 5P + 32S + 5P | | HD | | | | | | | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER P2 | SIGNAL 4 | SIGNAL 3 | SIGNAL 2 | SIGNAL 1 | POWER P1 |
|---|---|---|---|---|---|---|---|
| 6450560-3 | D C B A | RP | D C B A | D C B A | D C B A | D C B A | RP |
| 1P + 16S + 1P | | | | | | | |




| | | |
|---|---|---|
| RK | PRESS FIT | MFBL |
| RL | PRESS FIT | STD |
| RP | PRESS FIT | MFBL |
| RS | PRESS FIT | STD |
| CODE | TAIL LENGTH | DESCRIPTION |
| POWER CONTACT | | |

| | | |
|---|---|---|
| DD | PRESS FIT | D |
| CC | PRESS FIT | C |
| BB | PRESS FIT | B |
| AA | PRESS FIT | A |
| D | PRESS FIT | D |
| C | PRESS FIT | C |
| B | PRESS FIT | B |
| A | PRESS FIT | A |
| CODE | TAIL LENGTH | ROW |
| SIGNAL CONTACT | | |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ± 2°

MATERIAL - -

FINISH - -

DWN R.GRZYBOWSKI 09MAR05
CHK M.PERCHERKE 09MAR05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450560 | - |

Customer Drawing | SCALE 4:1 | SHEET 2 OF 7 | REV H3

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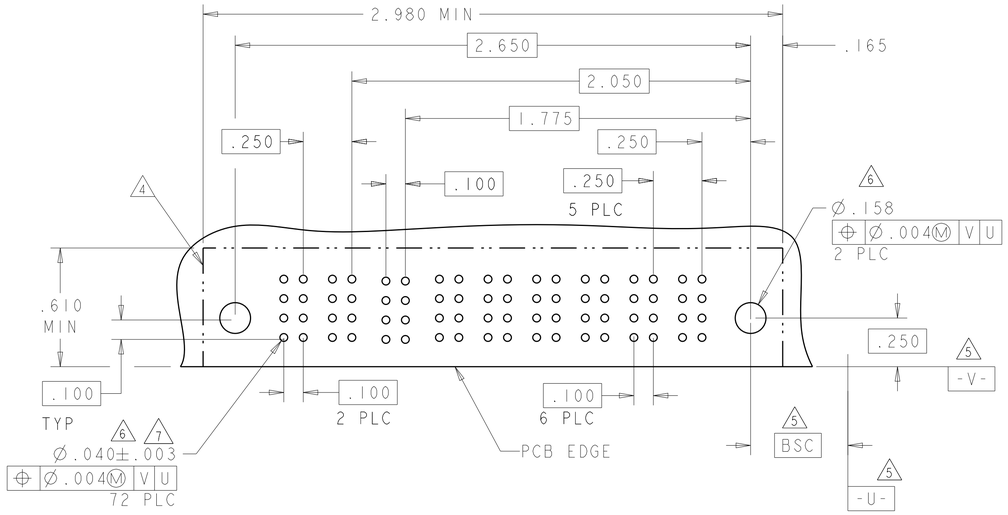
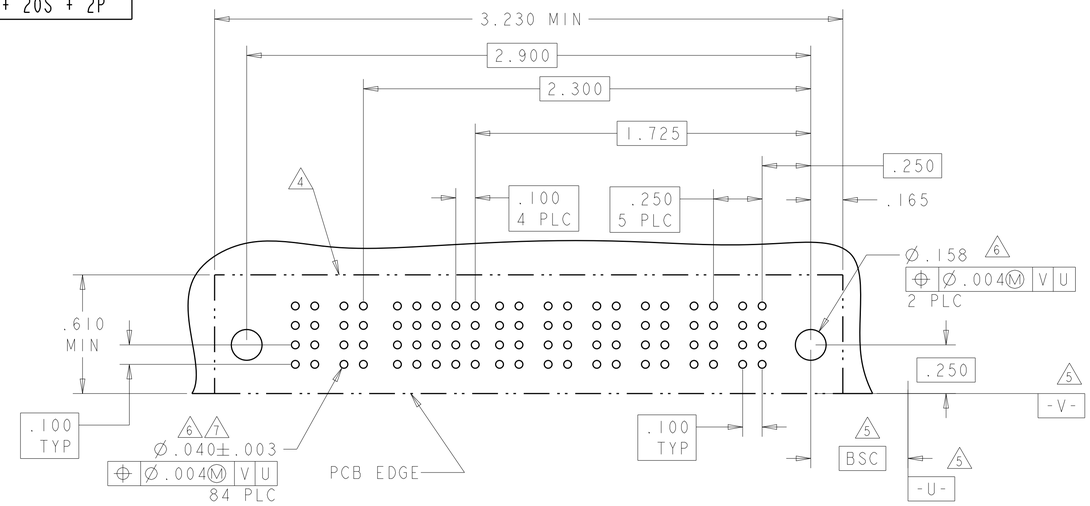
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

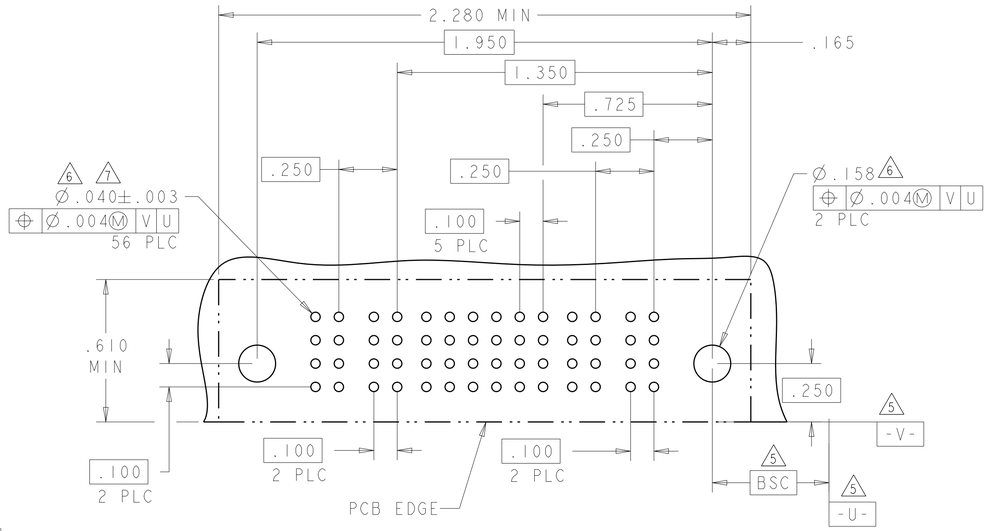
| PART NUMBER | ROWS | POWER P8 | POWER P7 | SIGNAL 2 | SIGNAL 1 | POWER P6 | POWER P5 | POWER P4 | POWER P3 | POWER P2 | POWER P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450560-6 | D C B A | RP | RP | D D / C C / B B / A A | | RP | RP | RP | RP | RP | RP |
| 6P + 8S + 2P | | | | | | | | | | | |



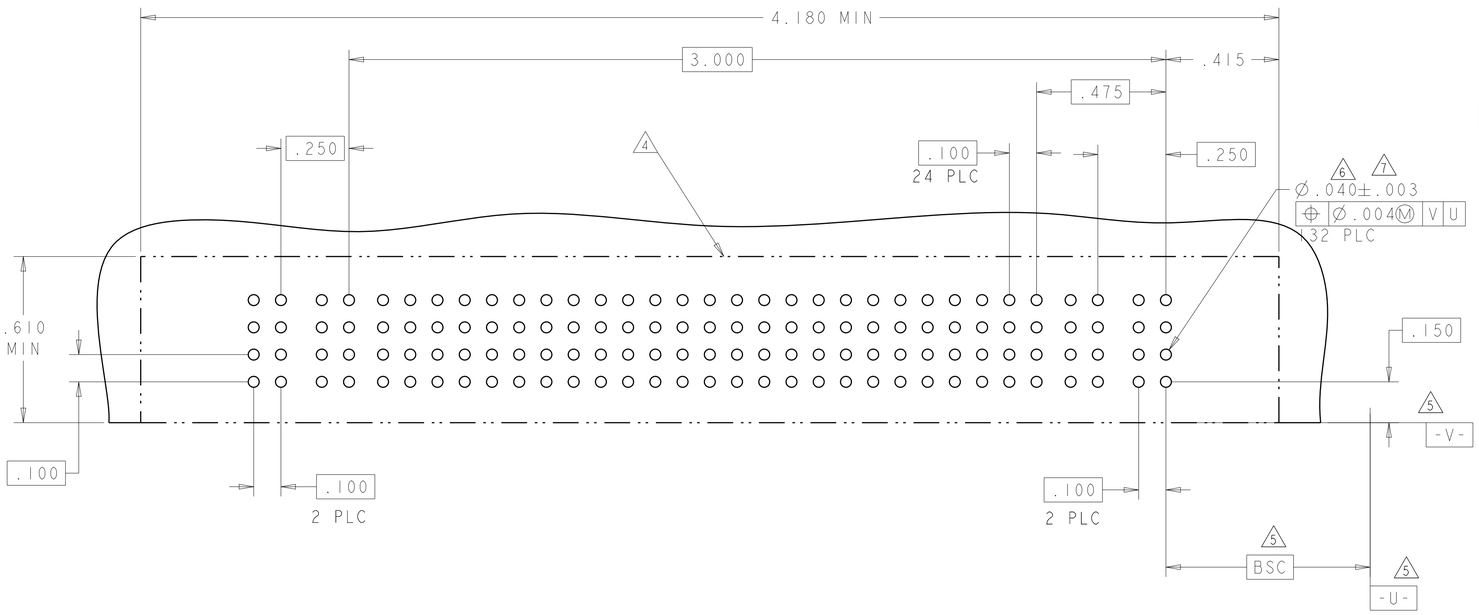

| PART NUMBER | ROWS | POWER P8 | POWER P7 | SIGNAL 5 | SIGNAL 4 | SIGNAL 3 | SIGNAL 2 | SIGNAL 1 | POWER P6 | POWER P5 | POWER P4 | POWER P3 | POWER P2 | POWER P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-6450560-5 | D C B A | RP | RP | D D D D D / C C C C C / B B B B B / A A A A A | | | | | RP | RP | RP | RP | RP | RP |
| 6P + 20S + 2P | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER P4 | POWER P3 | SIGNAL 6 | SIGNAL 5 | SIGNAL 4 | SIGNAL 3 | SIGNAL 2 | SIGNAL 1 | POWER P2 | POWER P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-6450560-2 | D C B A | RP | RP | D D D D D D / C C C C C C / B B B B B B / A A A A A A | | | | | | RP | RP |
| 2P + 24S + 2P | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER P4 | POWER P3 | SIGNAL 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | POWER P2 | POWER P1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450560-8 | D C B A | RL | RL | DD / CC / BB / AA | | | | | | | | | | | | | | | | | | | | | | | | | RL | RL |
| 2P + 100S + 2P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 09MAR05
CHK M.PERCHERKE 09MAR05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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| A1 | 00779 | C-6450560 | - |

Customer Drawing | SCALE 4:1 | SHEET 3 OF 7 | REV H3

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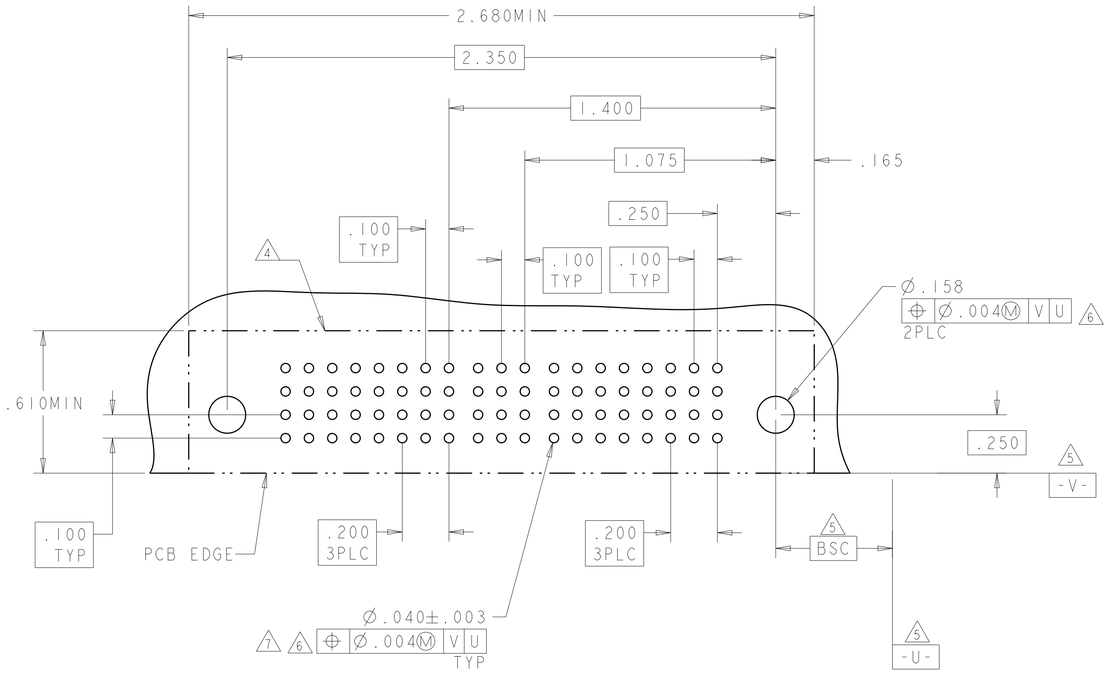
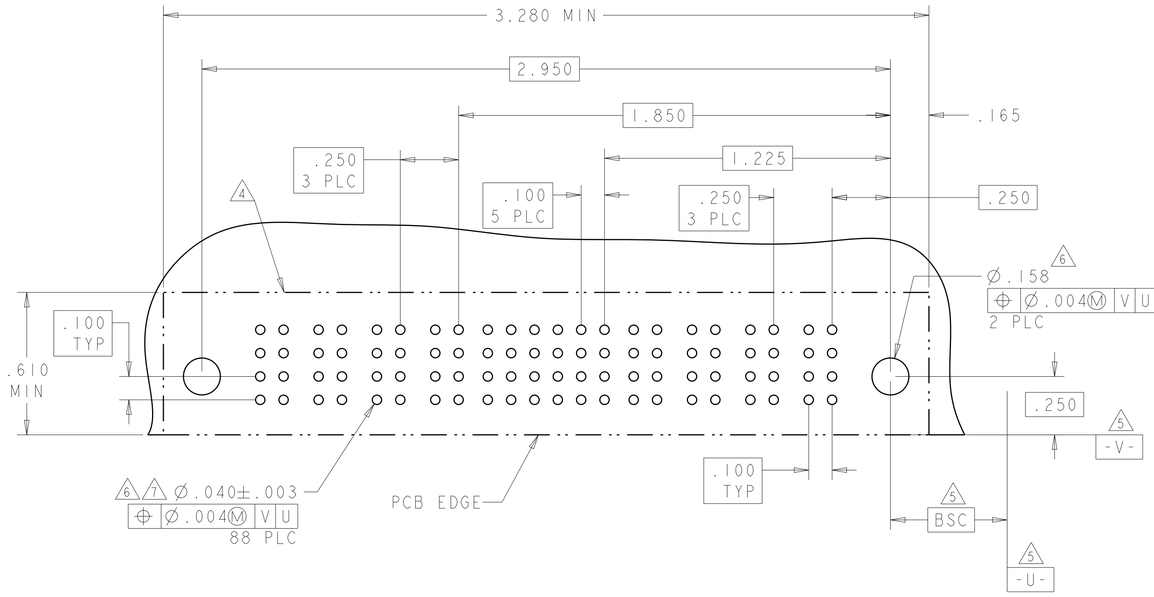
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P8 | P7 | P6 | P5 | 3 | 2 | 1 | P4 | P3 | P2 | P1 |
| 1-6450560-1 | D | RL | RL | RL | RL | DD | DD | DD | RL | RL | RL | RL |
| | C | | | | | CC | CC | CC | | | | |
| | B | | | | | BB | BB | BB | | | | |
| | A | | | | | AA | AA | AA | | | | |
| 4P + 12S + 4P | | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P8 | P7 | P6 | P5 | 6 | 5 | 4 | 3 | 2 | 1 | P4 | P3 | P2 | P1 |
| 1-6450560-7 | D | RS | RS | RS | RS | D | D | D | D | D | D | RS | RS | RS | RS |
| | C | | | | | C | C | C | C | C | C | | | | |
| | B | | | | | B | B | B | B | B | B | | | | |
| | A | | | | | A | A | A | A | A | A | | | | |
| 4P + 24S + 4P | | | | | | | | | | | | | | | |

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

MATERIAL - -

FINISH - -

DWN R.GRZYBOWSKI 09MAR05
CHK M.PERCHERKE 09MAR05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450560 | - |

Customer Drawing

| SCALE | SHEET | OF | REV |
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| 4:1 | 4 | 7 | H3 |

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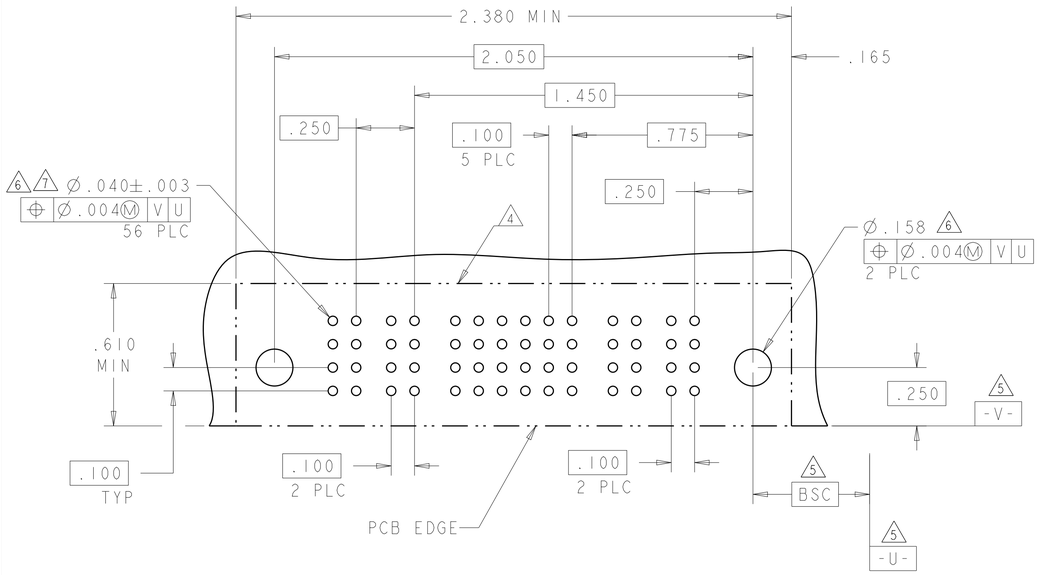
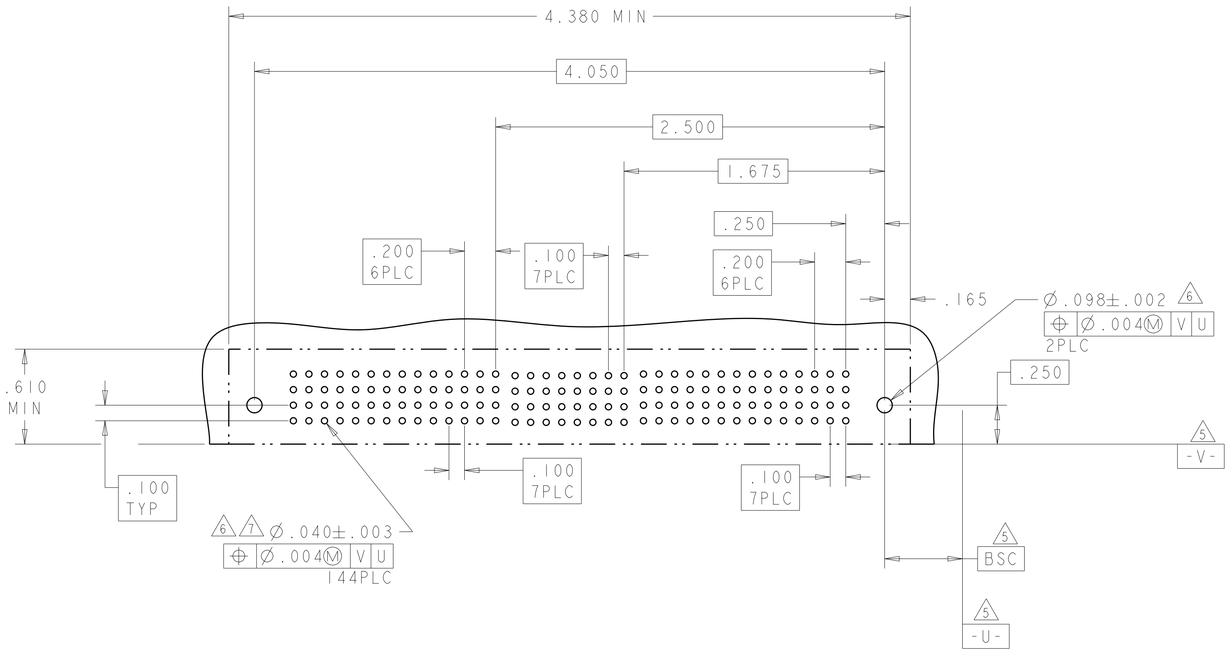
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | POWER | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P4 | P3 | 6 | 5 | 4 | 3 | 2 | 1 | P2 | P1 |
| 1-6450560-3 | D C B A | RS | RS | D C B A | D C B A | D C B A | D C B A | D C B A | D C B A | RS | RS |
| 2P + 24S + 2P | | | | | | | | | | | |

| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | | | | POWER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P14 | P13 | P12 | P11 | P10 | P9 | P8 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | |
| 6450560-4 | D C B A | RK | RK | RK | RK | RK | RK | RK | DD CC BB AA | DD CC BB AA | DD CC BB AA | DD CC BB AA | DD CC BB AA | DD CC BB AA | DD CC BB AA | DD CC BB AA | RK | RK | RK | RK | RK | RK | RK | HD |
| 7HDP + 32S + 7HDP | | HD | | | | | | | | | | | | | | | | | | | | | | |

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| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN R.GRZYBOWSKI 09MAR05 | TE Connectivity |
| | | CHK M.PERCHERKE 09MAR05 | |
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ± | APVD M.PERCHERKE - | NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL |
| | | PRODUCT SPEC 108-1973 | |
| | | APPLICATION SPEC 114-13038 | SIZE A1 CAGE CODE 00779 DRAWING NO C-6450560 RESTRICTED TO - |
| MATERIAL - - | FINISH - - | WEIGHT - | Customer Drawing SCALE 4:1 SHEET 5 OF 7 REV H3 |

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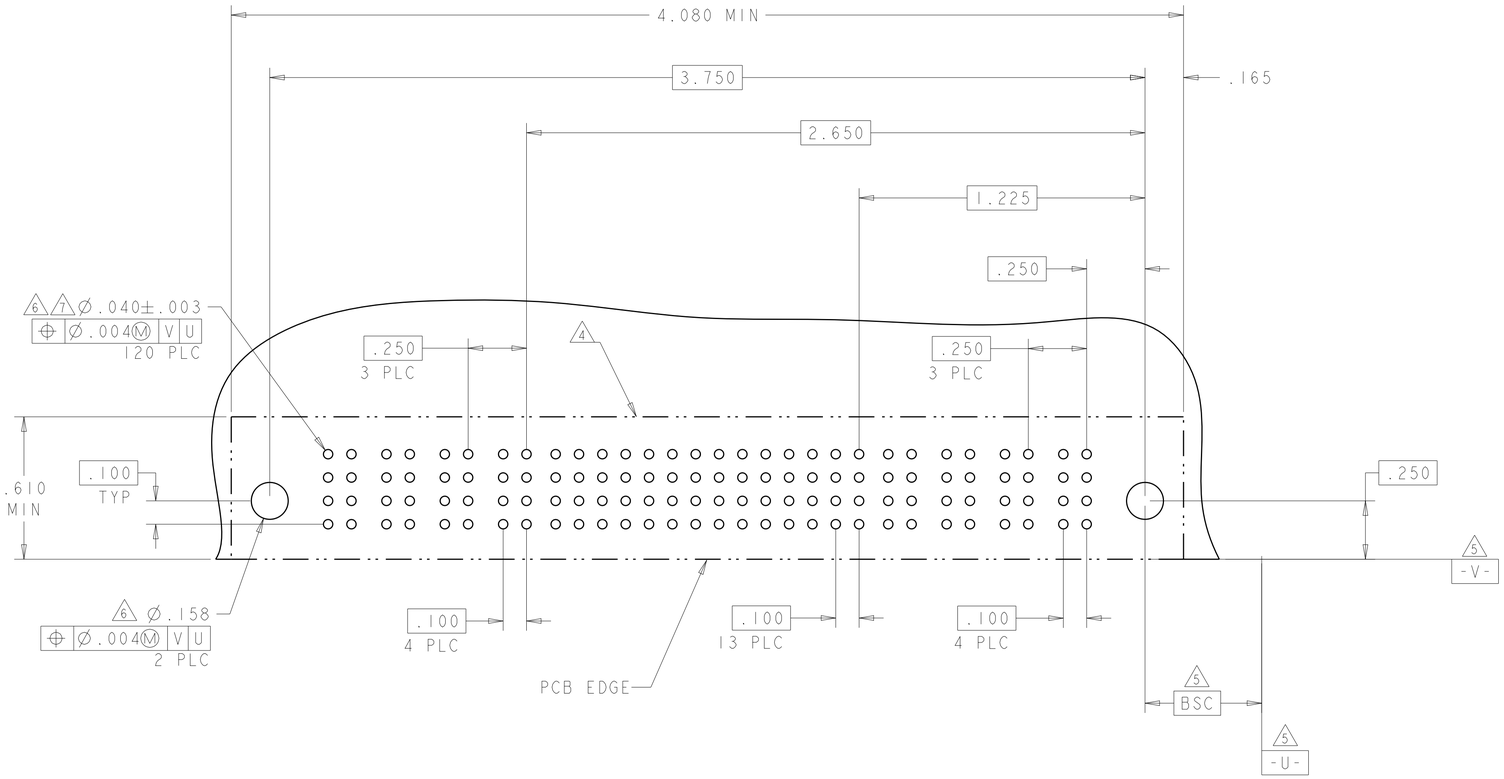
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER | | | | SIGNAL | | | | | | | | | | | | | POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P8 | P7 | P6 | P5 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P4 | P3 | P2 | P1 | |
| 1-6450560-9 | D | | RS | RS | RS | RS | D | D | D | D | D | D | D | D | D | D | D | D | D | D | RS | RS | RS | RS | |
| | C | | | | | | C | C | C | C | C | C | C | C | C | C | C | C | C | C | | | | | |
| | B | | | | | | B | B | B | B | B | B | B | B | B | B | B | B | B | B | | | | | |
| | A | | | | | | A | A | A | A | A | A | A | A | A | A | A | A | A | A | | | | | |
| 4P + 56S + 4P | | | | | | | | | | | | | | | | | | | | | | | | |

H1




| | | | | | |
|---|---|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN R.GRZYBOWSKI 09MAR05 | TE Connectivity | | |
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ± | CHK M.PERCHERKE 09MAR05 | NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL | | |
| | | APVD M.PERCHERKE - | | | |
| | | PRODUCT SPEC 108-1973 | | | |
| | | APPLICATION SPEC 114-13038 | SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450560 |
| MATERIAL - - | FINISH - - | WEIGHT - | | | RESTRICTED TO - |
| | | Customer Drawing | SCALE 4:1 | SHEET 6 OF 7 | REV H3 |

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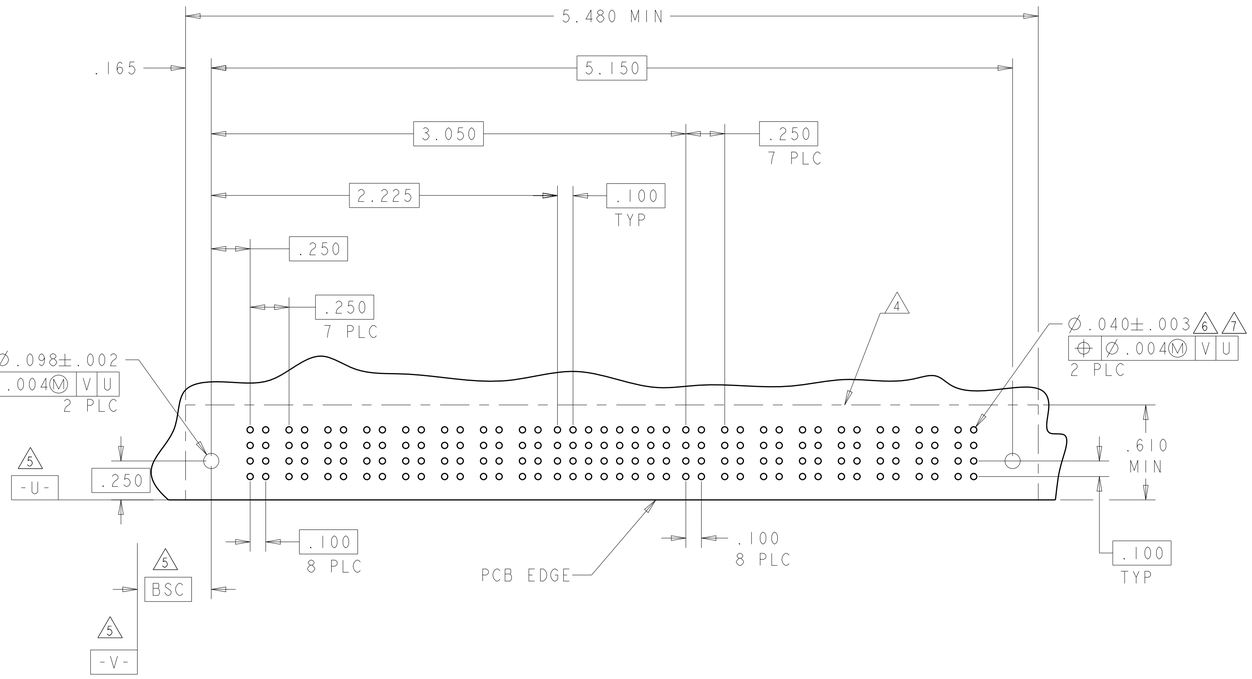
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | | | | POWER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P16 | P15 | P14 | P13 | P12 | P11 | P10 | P9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 |
| 1-6450560-6 | D | RS | RS | RS | RS | RS | RS | RS | RS | D | D | D | D | D | D | D | D | RS | RS | RS | RS | RS | RS | RS | RS |
| | C | | | | | | | | | C | C | C | C | C | C | C | C | | | | | | | | |
| | B | | | | | | | | | B | B | B | B | B | B | B | B | | | | | | | | |
| | A | HD | | | | | | | | A | A | A | A | A | A | A | A | | | | | | | | HD |
| 8P + 32S + 8P | | | | | | | | | | | | | | | | | | | | | | | | | |




THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±

MATERIAL - -

FINISH - -

DWN R.GRZYBOWSKI 09MAR05
CHK M.PERCHERKE 09MAR05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450560 | - |

Customer Drawing | SCALE 4:1 | SHEET 7 OF 7 | REV H3

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

**Данный компонент на территории Российской Федерации**

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

**Офис по работе с юридическими лицами:**

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9