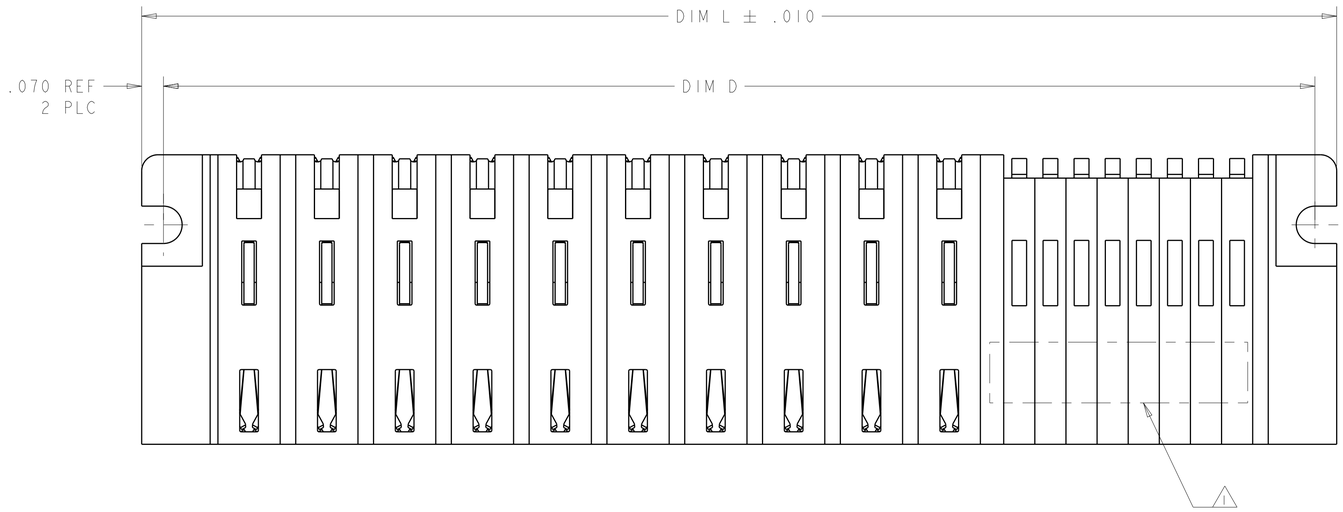
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 - ALL RIGHTS RESERVED.

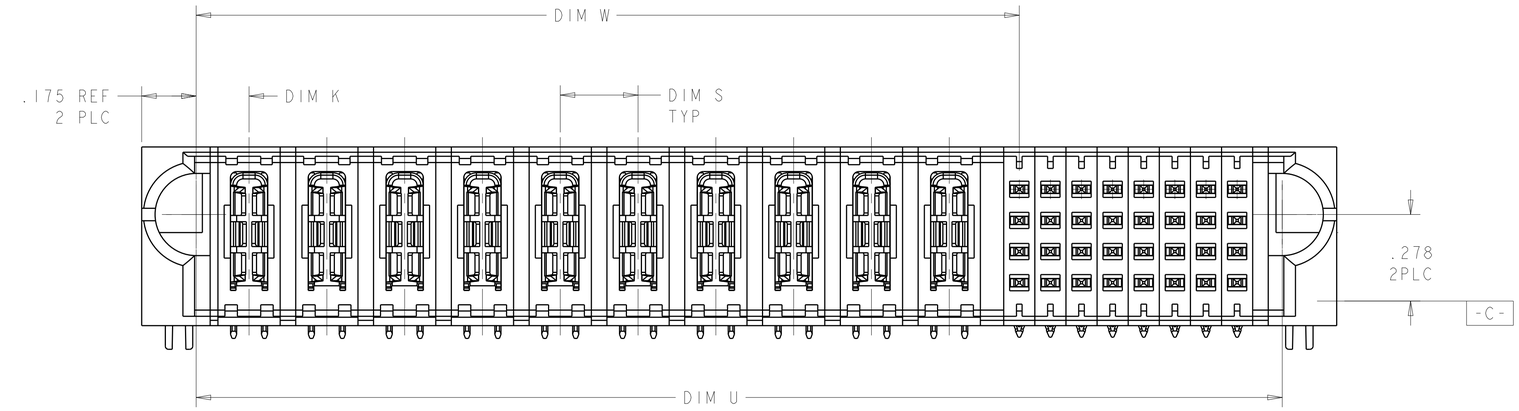
LOC	DIST
ES	00

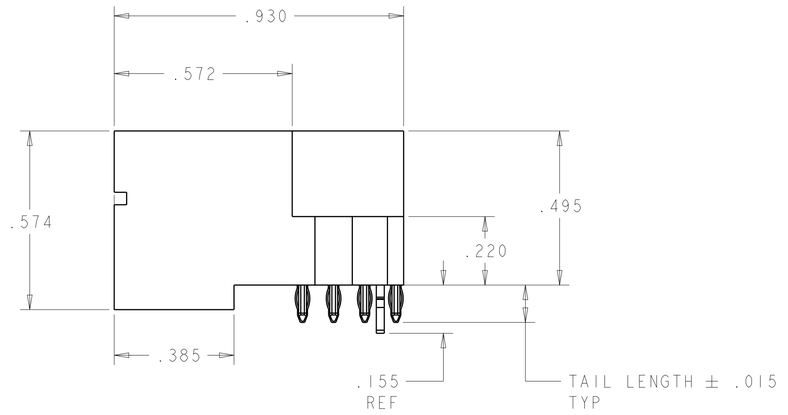
REVISIONS

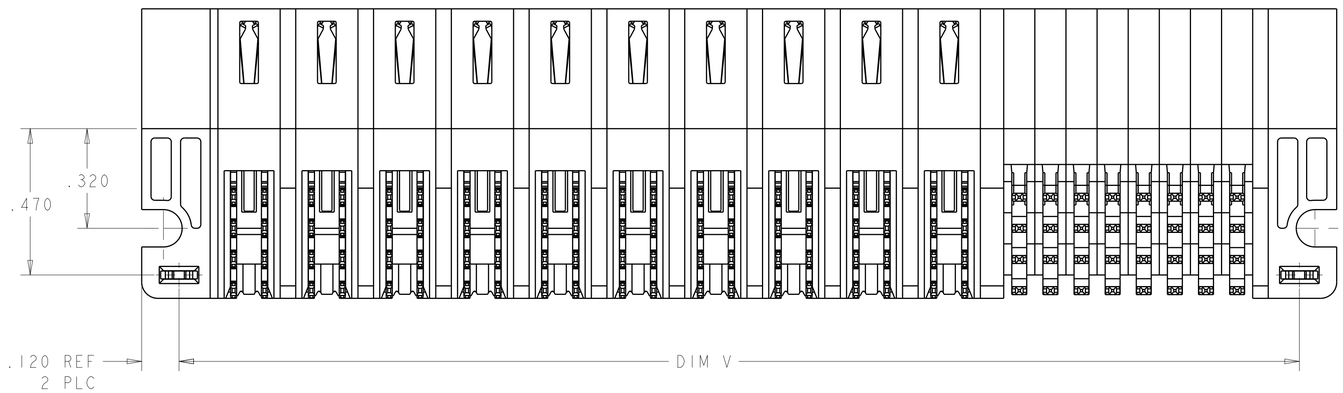
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED I-0 BY CUSTOMER	04MAR2015	CZ	SZ



1. "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
2. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,BLACK, UL94 V-0
   SIGNAL CONTACT - COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY)
3. 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 DIA HOLE.
8. NOT RELEASED FOR PRODUCTION.
9. VARIABLE DIMENSION SEE TABLE.







	DIM V	DIM W	DIM U	DIM S	DIM D	DIM L	DIM K	DESCRIPTION	PART NUMBER
A9	1.025	.620	.915	.250	1.125	1.265	.145	2P + 12S	1-6450842-0
	3.550	2.795	3.440	9	3.650	3.790	.170	12P + 24S	6450842-7
	3.500	2.795	3.390	9	3.600	3.740	.170	3ACP + 8P + 24S	6450842-5
	3.550	3.020	3.440	9	3.650	3.790	.145	13P + 24S	6450842-4
	3.500	2.795	3.390	9	3.600	3.740	.170	3ACP + 8P + 24S	6450842-2
	3.350	2.445	3.240	9	3.450	3.590	.145	10P + 32S	6450842-3
	3.600	2.645	3.490	.250	3.700	3.840	.170	10P + 32S	6450842-1

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 ±2°

MATERIAL: 2
FINISH: -

DWN HESPER LIU 09JUL2008
CHK S.ZHAO 09JUL2008
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME
RIGHT ANGLE HEADER
W/ LP CONTACT AND SHORT END MODULES
MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450842	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 6 | REV B

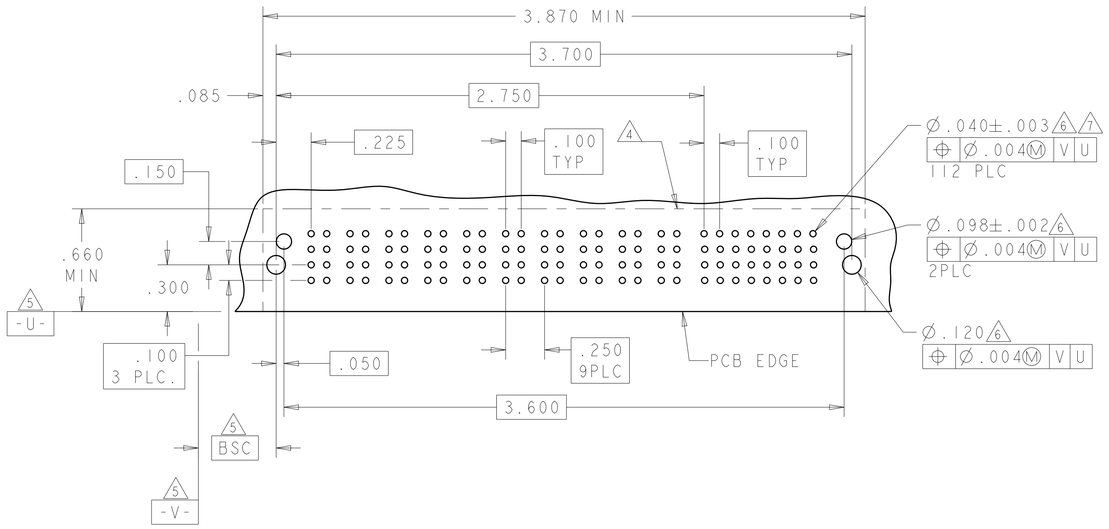
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 - ALL RIGHTS RESERVED.

LOC	DIST
ES	00

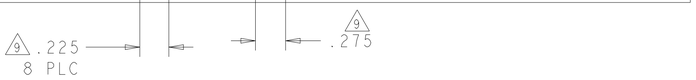
REVISIONS

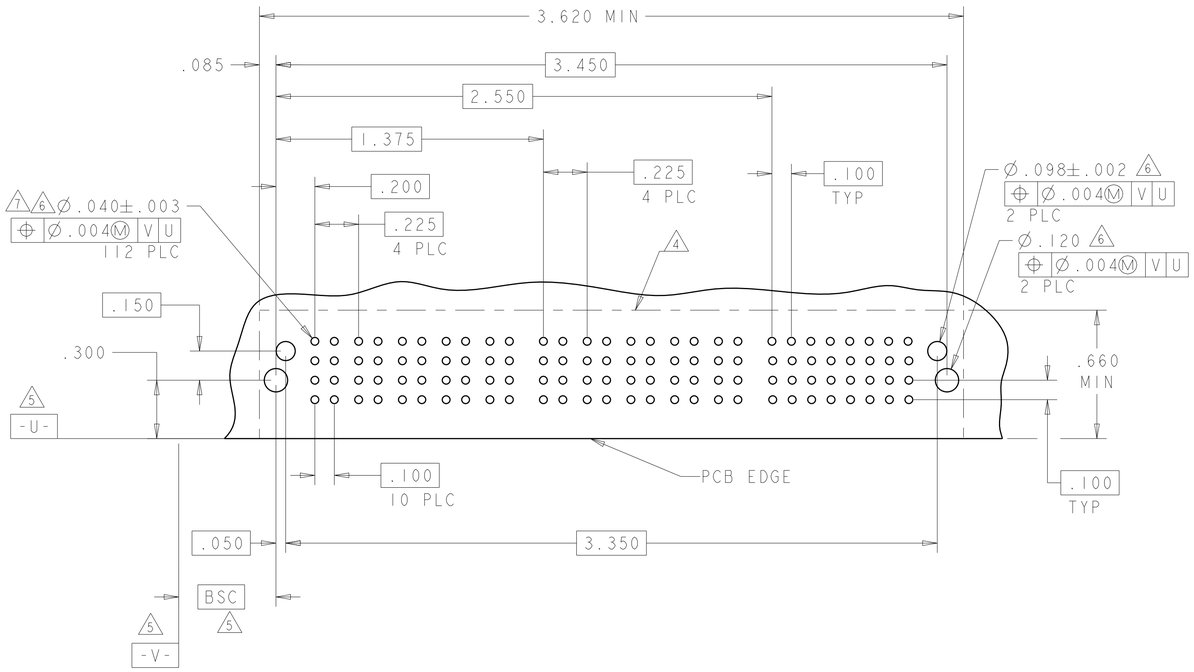
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	SIGNAL 1	2	3	4	5	6	7	8	
6450842-1	D		TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	
	C												Y5	Y5	Y5	Y1	Y1	Y5	Y5	Y5	
	B												R5	R5	R5	R1	R1	R5	R5	R5	
	A	HD											O5	O5	O5	O5	O5	O5	O5	O5	HD
10P + 32S																					



PART NUMBER	ROWS		POWER P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	SIGNAL 1	2	3	4	5	6	7	8	
6450842-3	D		TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	
	C												Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	
	B												R5	R5	R5	R5	R5	R5	R5	R5	
	A	HD											O1	O1	O1	O1	O1	O1	O1	O1	HD
10P + 32S																					





HOLD DOWN	HD
.120 SIGNAL MLBF PRESS FIT CON, ROW C	Y1
.120 SIGNAL MLBF PRESS FIT CON, ROW B	R1
.120 SIGNAL MLBF PRESS FIT CON, ROW A	O1
.120 SIGNAL MLBF PRESS FIT CON, ROW D	Z1
.120 SIGNAL PRESS FIT CON, ROW A,STD	O5
.120 SIGNAL PRESS FIT CON, ROW B,STD	R5
.120 SIGNAL PRESS FIT CON, ROW C,STD	Y5
.120 SIGNAL PRESS FIT CON, ROW D,STD	Z5
.120 PRESS FIT POWER CON	TT
DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.01
2 PLC ±.005
3 PLC ±.0020
4 PLC ±.0010
ANGLES ±2°

MATERIAL - -

FINISH - -

DWN 09JUL2008 HESPER LIU
CHK 09JUL2008 S.ZHAO
APVD - S.ZHAO
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450842	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 6 | REV B

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

LOC	DIST
ES	00

REVISIONS

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

PART NUMBER	ROWS	POWER											SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	1	2	3	4	5	6
6450842-2	D	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z1	Z1	Z5	Z5	Z1	Z1
	C												Y5	Y1	Y5	Y5	Y5	Y5
	B												R5	R1	R1	R1	R1	R1
	A												O5	O5	O5	O5	O5	O5
		HD																HD
3ACP + 8P + 24S																		

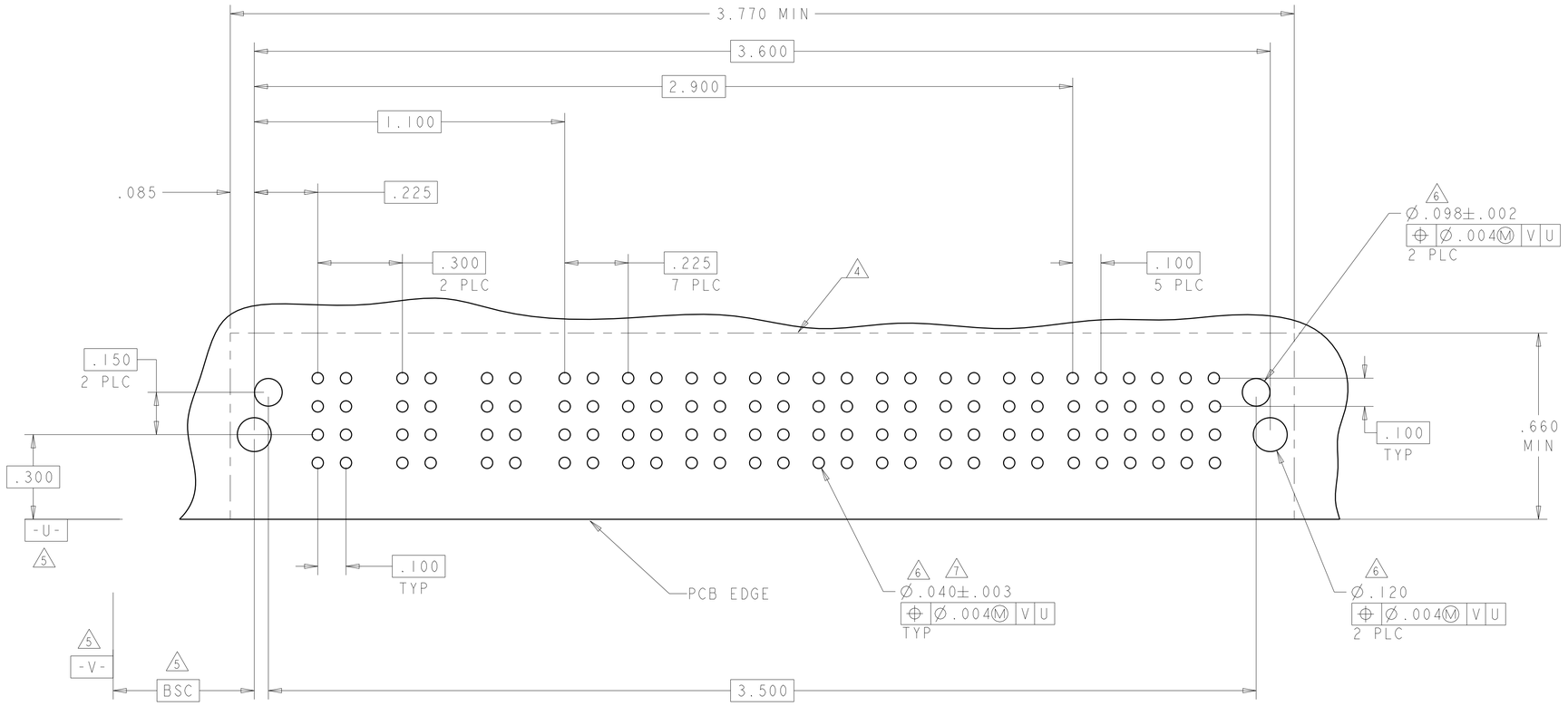
△9 .300 2 PLC

.225 △9 7 PLC

.275 △9

PART NUMBER	ROWS	POWER											SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	1	2	3	4	5	6
6450842-5	D	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z1	Z1	Z5	Z5	Z1	Z1
	C												Y5	Y1	Y5	Y5	Y5	Y5
	B												R5	R1	R5	R1	R1	R1
	A												O5	O5	O5	O5	O5	O5
		HD																HD
3ACP + 8P + 24S																		

PCB LAYOUT IS THE SAME AS 6450842-2



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 ±2°

MATERIAL -
FINISH -

DWN HESPER LIU 09JUL2008
CHK S.ZHAO 09JUL2008
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450842	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 6 | REV B

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

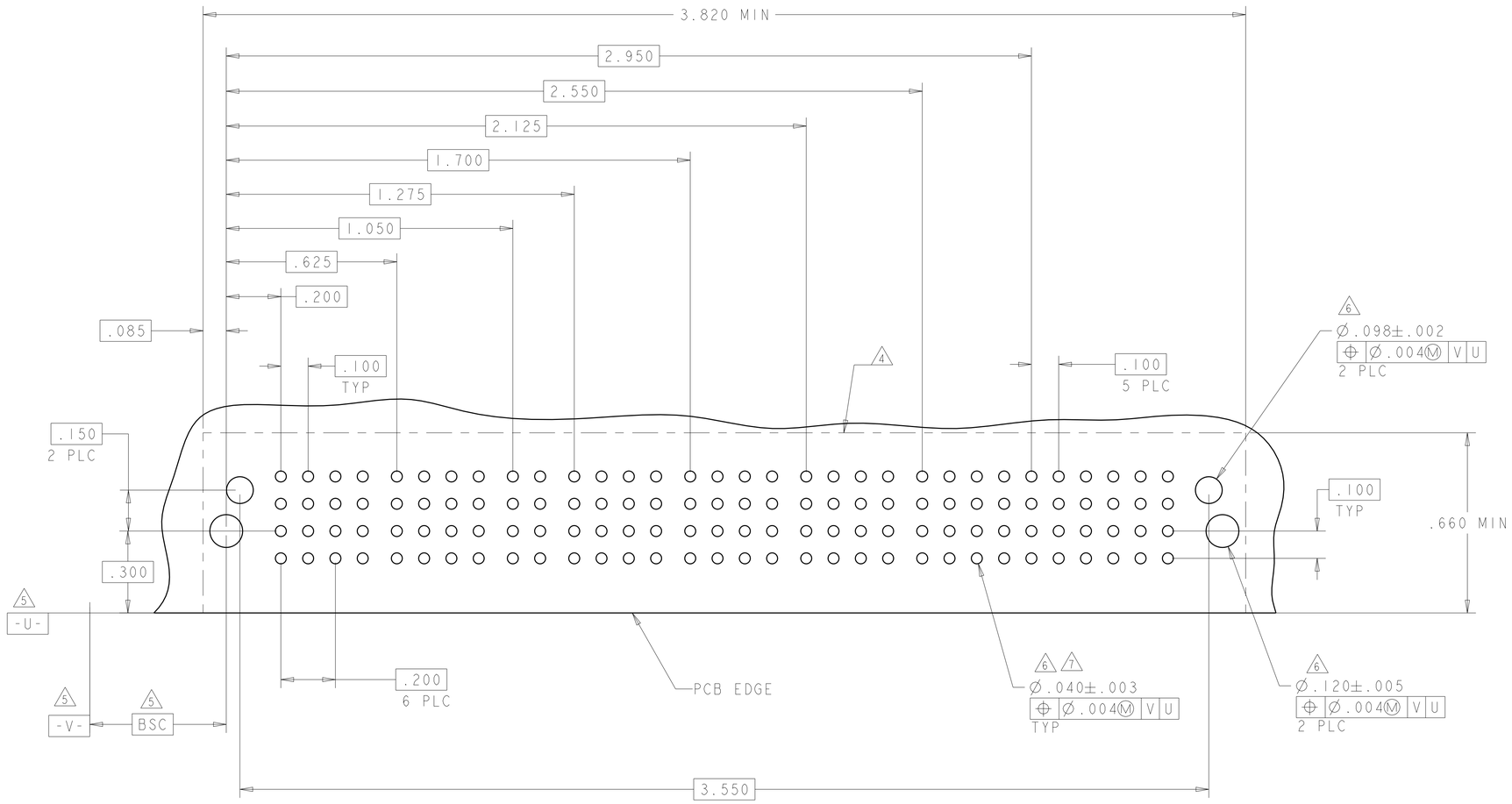
LOC	DIST
ES	00

REVISIONS

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

PART NUMBER	ROWS	POWER												SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	1	2	3	4	5	6
6450842-4	D	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z1	Z1	Z5	Z5	Z1	Z1
	C														Y5	Y1	Y5	Y5	Y5	Y5
	B														R5	R1	R5	R1	R1	R1
	A														O5	O5	O5	O5	O5	O5
	HD																			HD
13P + 24S																				

.200
6 PLC
.225
.225
.225
.225
.225
.225



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 ±2°

MATERIAL - -
FINISH - -

DWN: HESPER LIU 09JUL2008
CHK: S.ZHAO 09JUL2008
APVD: S.ZHAO -
PRODUCT SPEC: 108-2292
APPLICATION SPEC: 114-13251
WEIGHT: -

TE Connectivity

NAME: RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450842	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 6 | REV B

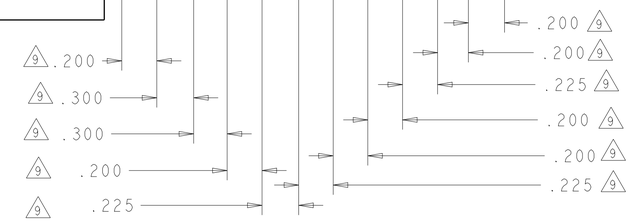
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 - ALL RIGHTS RESERVED.

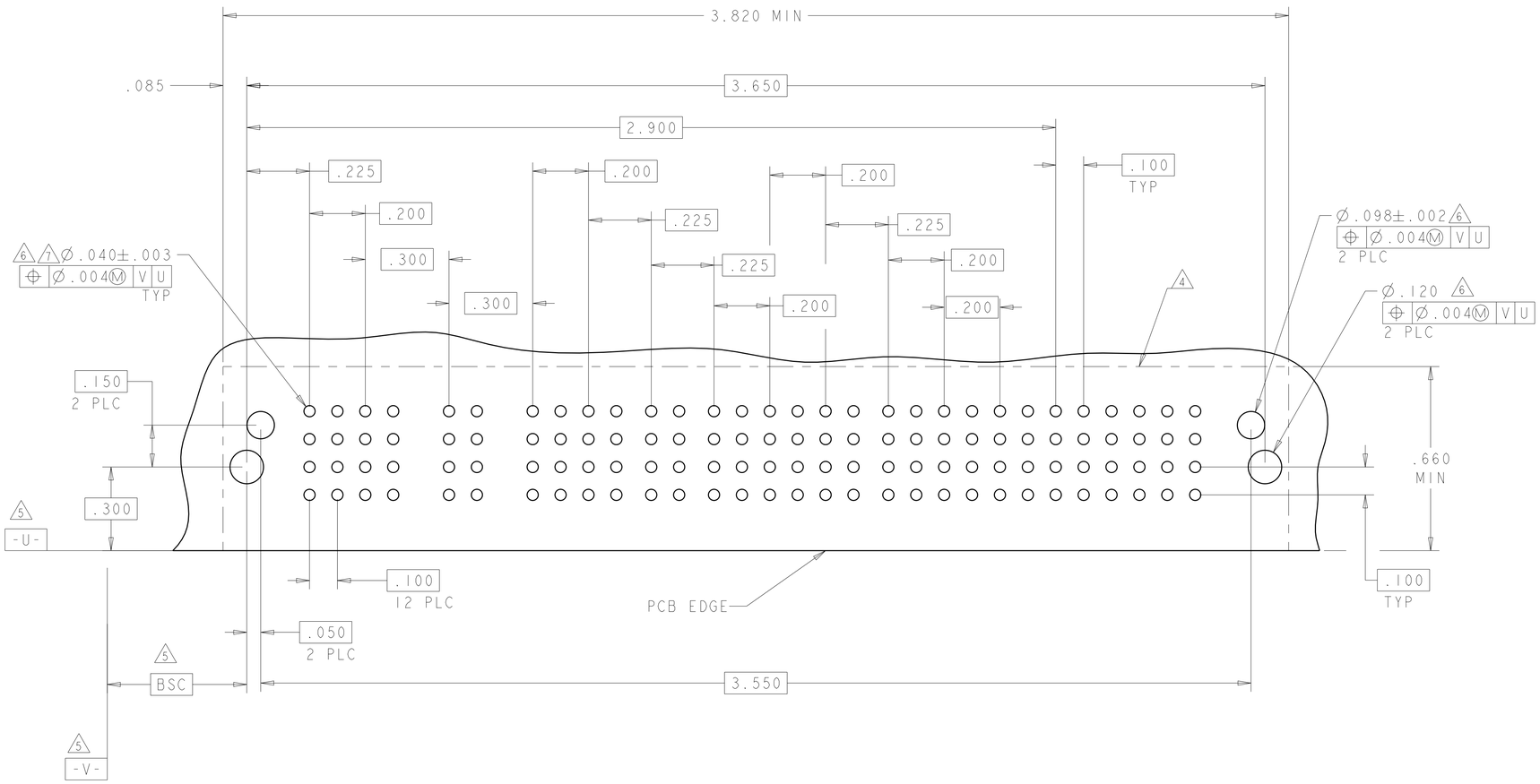
LOC	DIST
ES	00

REVISIONS

P	LTR	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	5	6
6450842-7	D C B A	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z5 Y5 R5 05	Z5 Y5 R5 05	Z5 Y5 R5 05	Z5 Y5 R5 05	Z5 Y5 R5 05	Z5 Y5 R5 05
12P + 24S		HD											HD						





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 ±2°

MATERIAL - -

FINISH - -

DWN 09JUL2008 HESPER LIU
CHK 09JUL2008 S.ZHAO
APVD - S.ZHAO
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME
RIGHT ANGLE HEADER
W/ LP CONTACT AND SHORT END MODULES
MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450842	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 6 | REV B

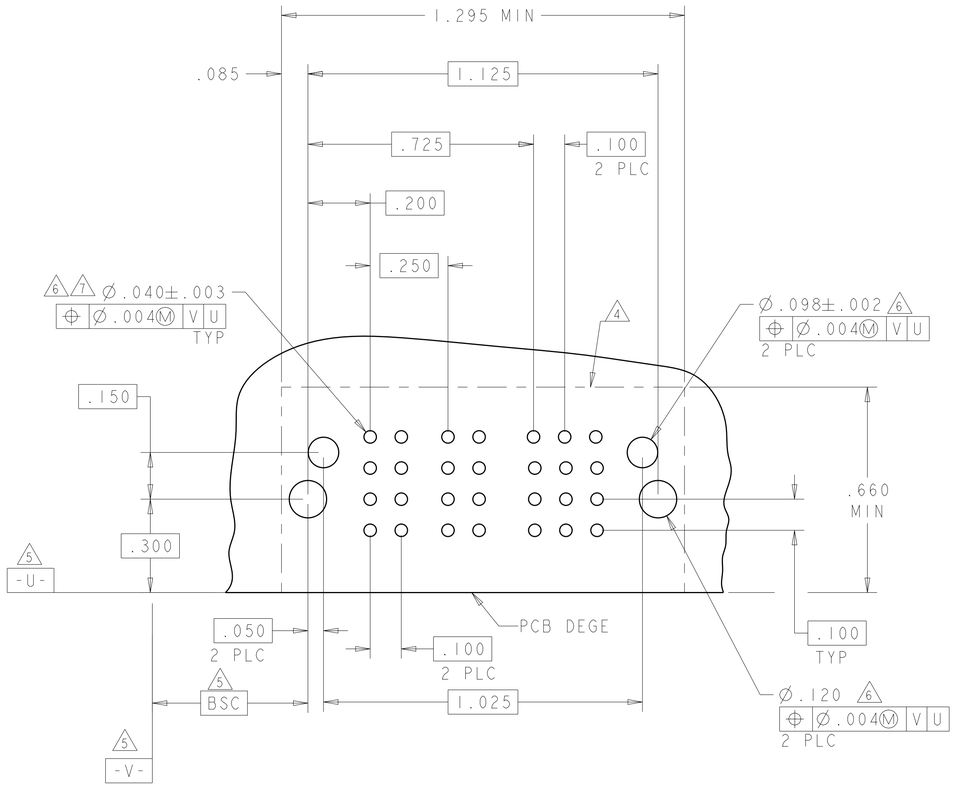
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 - ALL RIGHTS RESERVED.

LOC	DIST
ES	00

REVISIONS

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

PART NUMBER	ROWS		POWER		SIGNAL			
			P1	P2	1	2	3	
1-6450842-0	D		TT	TT	Z5	Z5	Z5	
	C				Y5	Y5	Y5	
	B				R5	R5	R1	
	A	HD			05	05	01	HD
2P + 12S								



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 ±2°

MATERIAL -
FINISH -

DWN HESPER LIU 09JUL2008
CHK S.ZHAO 09JUL2008
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450842	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 6 OF 6 | REV B

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