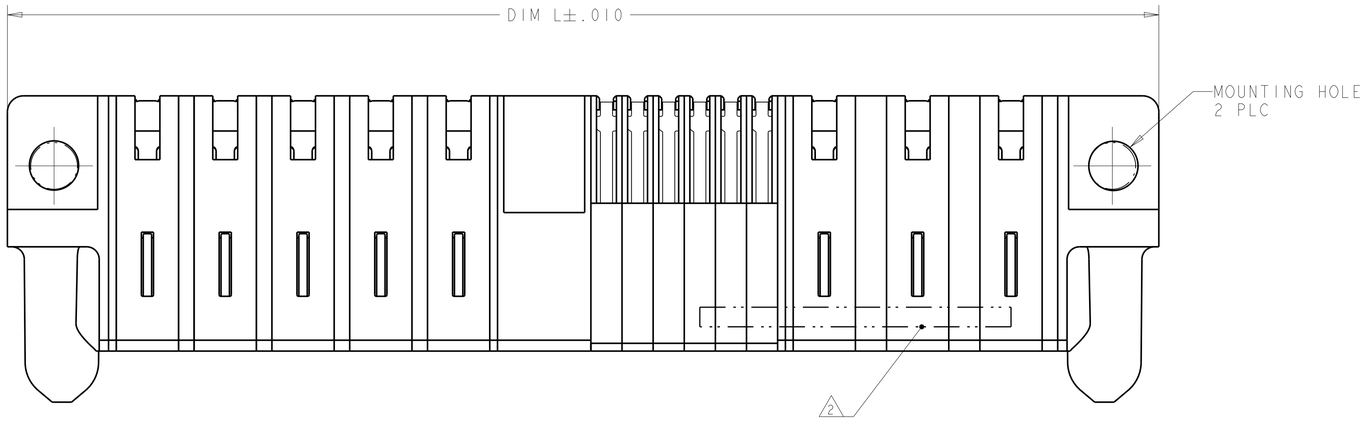
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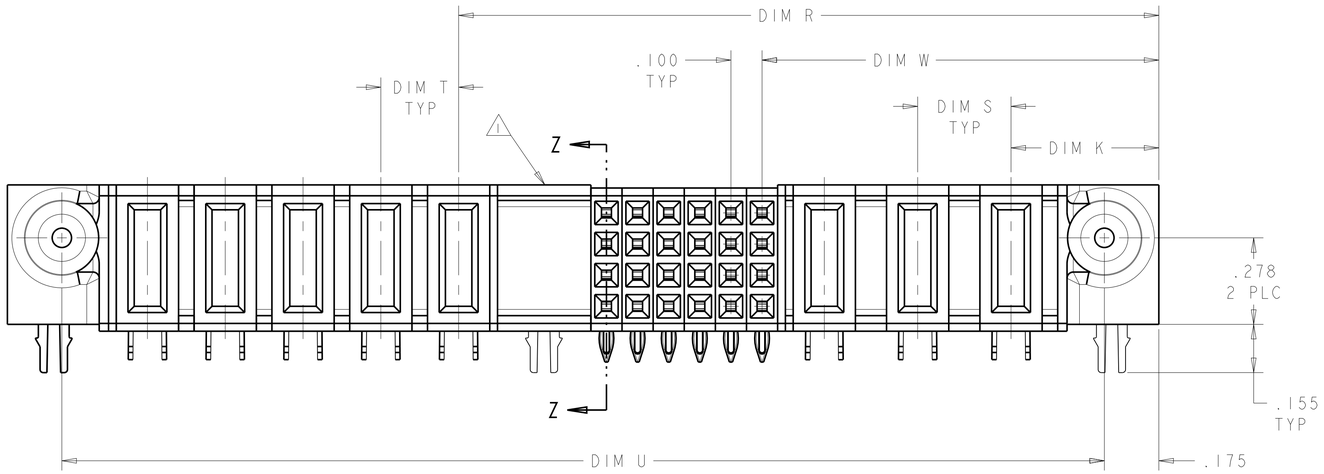
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ES	00

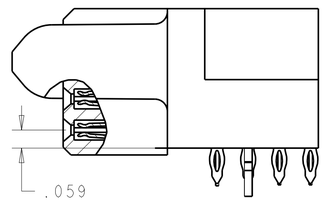
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D5	RELEASE 1-7	21OCT2013	CZ	SZ
	D6	RELEASE 1-8 AND 1-9	21JAN2014	AL	SZ

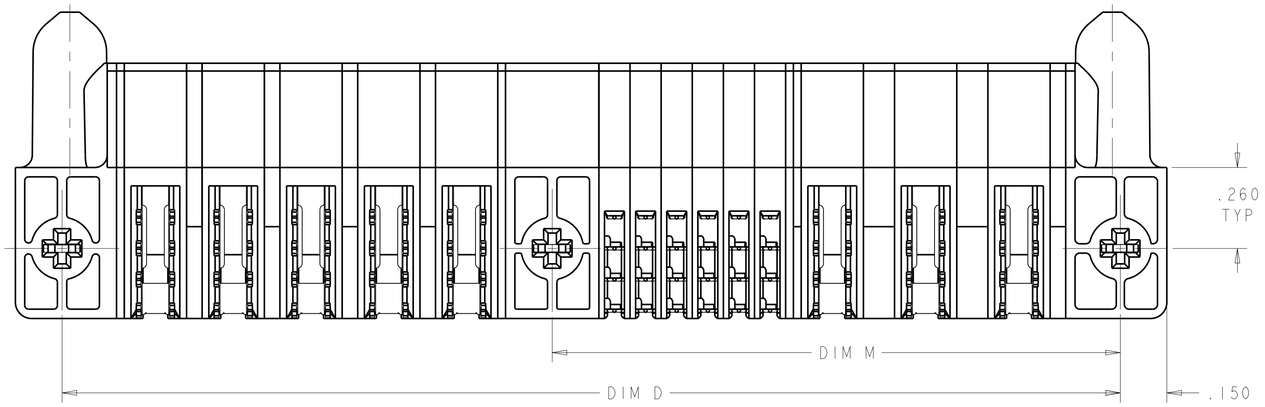


1. OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.
2. "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
3. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O.
   SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
4. CONTACT PLATING: NOBLE METAL PLATING ON 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- Ø.0453 +/-.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001-.003 PLATING TO ACHIEVE .040 DIA HOLE.
9. 1450570-1 HOLD DOWN SEATING DEPTH = .185





SECTION Z-Z
SCALE 4:1



	MOUNTING HOLES	DIM U	DIM T	DIM S	DIM R	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
D6	N/A	3.250	.300	.250	1.650	1.375	3.300	-	3.600	.450	4P + 8S + 6P	1-6450570-9
	N/A	3.150	.300	.250	1.850	1.375	3.200	-	3.500	.450	4P + 16S + 5P	1-6450570-8
	N/A	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	1-6450570-7
	N/A	3.100	.250	.250	2.250	1.875	3.150	-	3.450	.450	6P + 12S + 4P	1-6450570-6
	.150	1.400	.250	.250	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450570-5
	N/A	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	1-6450570-4
	N/A	1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	1-6450570-3
	N/A	3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	1-6450570-2
	N/A	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	1-6450570-0
	.150	1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	6450570-9
	N/A	4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450570-6
	.122	5.450	.250	.250	3.350	2.375	5.500	-	5.800	.450	8P + 36S + 9P	6450570-3
	N/A	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450570-2
	N/A	4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450570-1

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DWN R.GRZYBOWSKI 25MAY2005
CHK M.PERCHERKE 25MAY2005
APVD M.PERCHERKE -

DIMENSIONS: INCHES

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

MATERIAL - - 3
FINISH - 4

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-6450570	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 7 | REV D6

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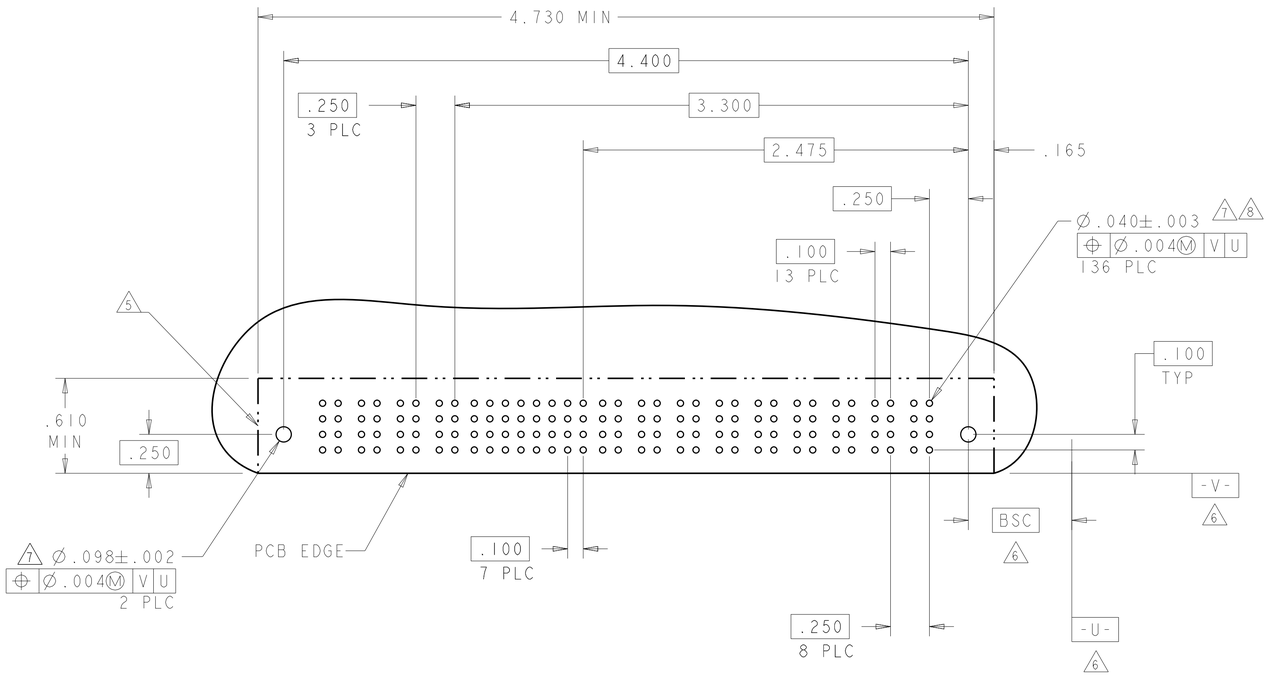
LOC	DIST
ES	00

REVISIONS

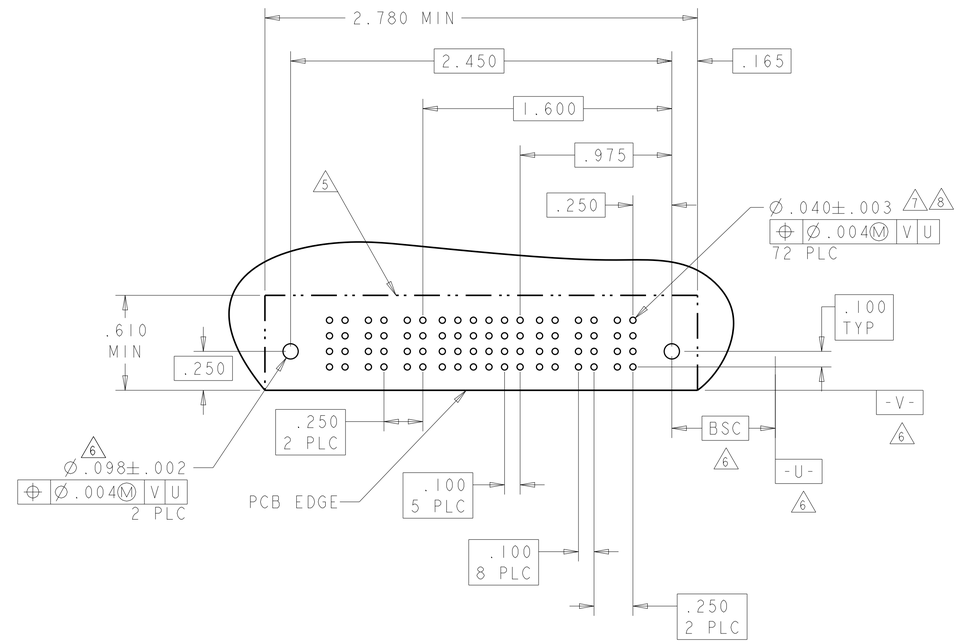
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER				SIGNAL								POWER								
		P13	P12	P11	P10	8	7	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1
6450570-1	D	RL	RL	RK	RL	DD	DD	DD	DD	DD	DD	DD	DD	RL	RL	RL	RL	RL	RL		RK	RL
	C					CC	CC	CC	CC	CC	CC	CC	CC									
	B					BB	BB	BB	BB	BB	BB	BB	BB									
	A	HD				AA	AA	AA	AA	AA	AA	AA	AA									HD
9P + 32S + 4P																						

NO CONTACT



PART NUMBER	ROWS	POWER			SIGNAL						POWER			
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
6450570-2	D	RP	RS	RS	D	D	D	D	D	D	RS	RS	RP	
	C				C	C	C	C	C	C				
	B				B	B	B	B	B	B				
	A	HD			A	A	A	A	A	A				HD
3P + 24S + 3P														



RL	.165 PRESS FIT	STD
RK	.165 PRESS FIT	MFBL
RS	.119 PRESS FIT	STD
RP	.119 PRESS FIT	MFBL
CODE	TAIL LENGTH	TYPE
POWER CONTACT		

DD	.165-PRESS FIT	D
CC	.165-PRESS FIT	C
BB	.165-PRESS FIT	B
AA	.165-PRESS FIT	A
D	.119-PRESS FIT	D
C	.119-PRESS FIT	C
B	.119-PRESS FIT	B
A	.119-PRESS FIT	A
CODE	TAIL LENGTH	ROW
SIGNAL CONTACT		

RK	.165-PRESS FIT	MFBL
RL	.165-PRESS FIT	STD
RP	.119-PRESS FIT	MFBL
RS	.119-PRESS FIT	STD
CODE	TAIL LENGTH	DESCRIPTION
POWER 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 25MAY2005
CHK M.PERCHERKE 25MAY2005
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-6450570	-

CUSTOMER DRAWING

SCALE 1:1 SHEET 2 OF 7 REV D6

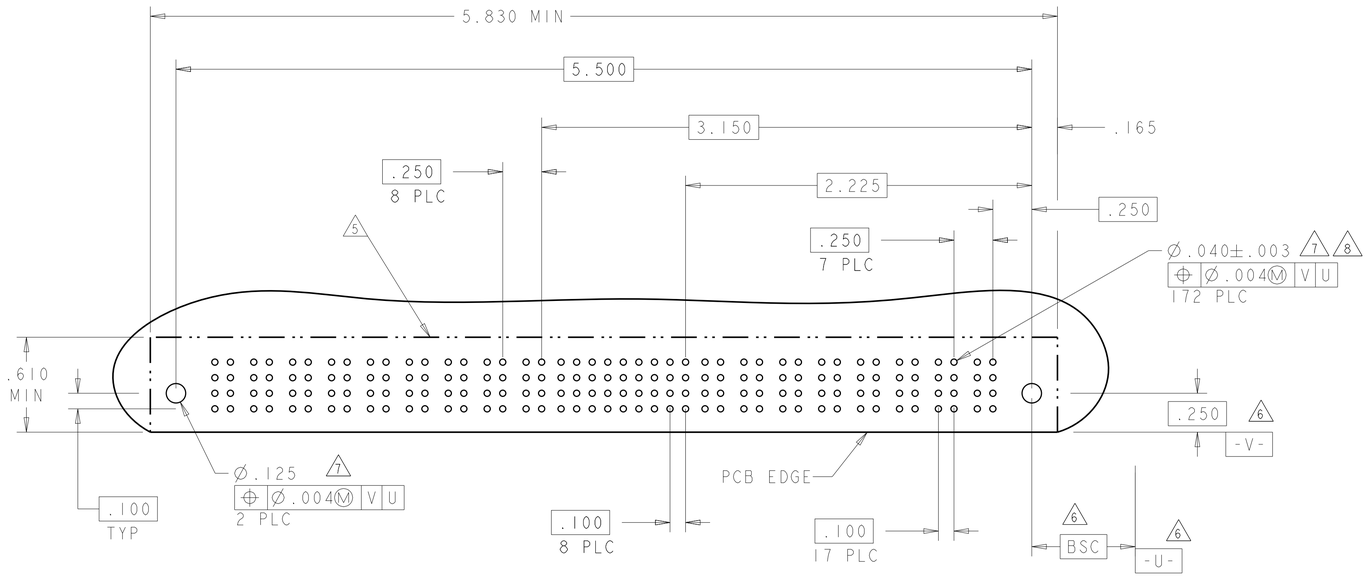
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LOC	DIST
ES	00

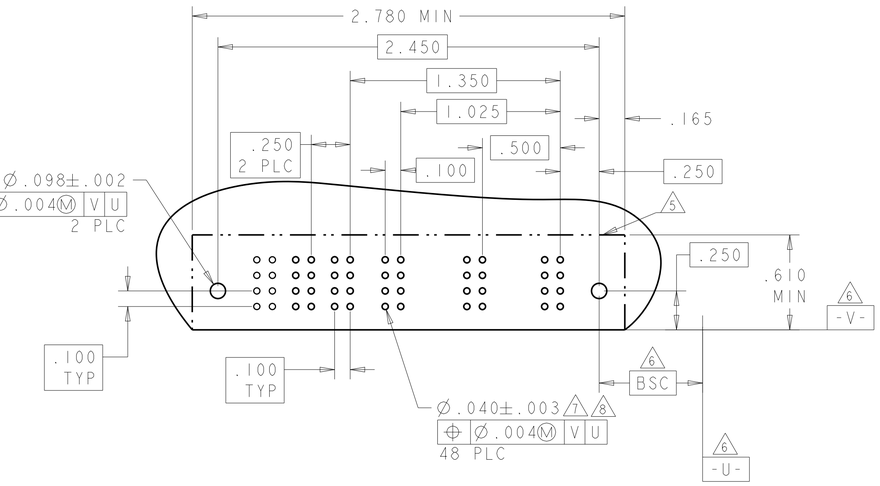
REVISIONS

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

PART NUMBER	ROWS	POWER									SIGNAL								POWER							
		P17	P16	P15	P14	P13	P12	P11	P10	P9	9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1
6450570-3	D	RL	RK	RL	RL	RL	RL	RL	RL	RL	DD	DD	DD	DD	DD	DD	DD	DD	DD	RL	RL	RL	RL	RL	RL	RK	RL
	C										CC	CC	CC	CC	CC	CC	CC	CC	CC								
	B										BB	BB	BB	BB	BB	BB	BB	BB	BB								
	A										AA	AA	AA	AA	AA	AA	AA	AA	AA								
8P + 36S + 9P																											

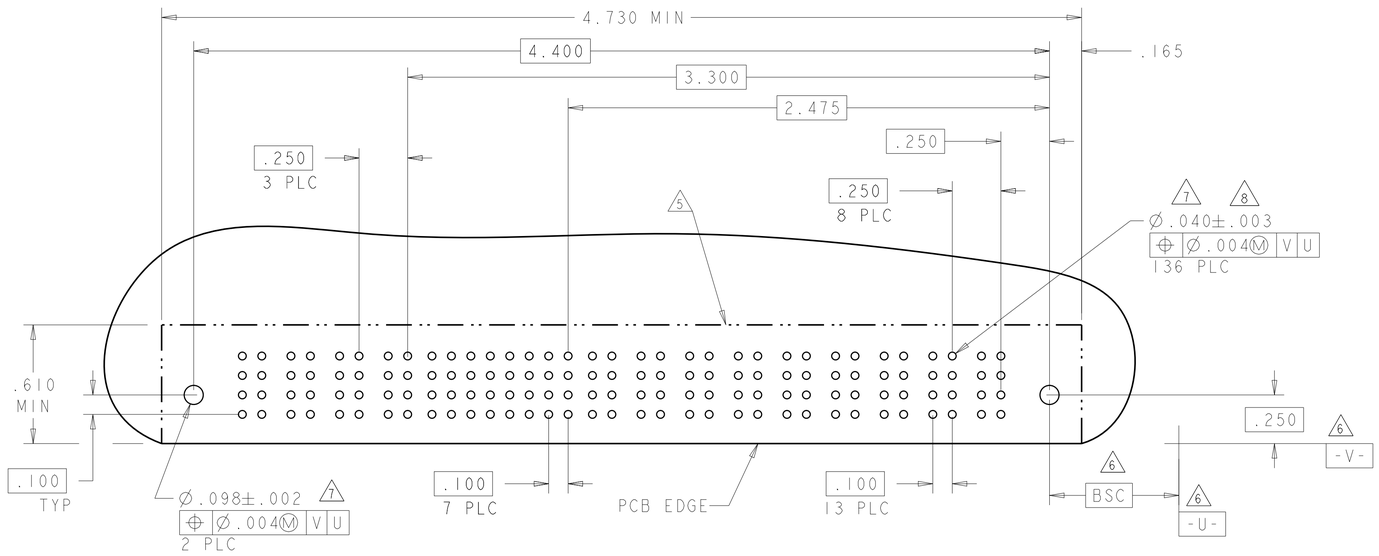


PART NUMBER	ROWS	POWER			SIGNAL					POWER		
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
1-6450570-0	D	RS	RS	RP		D	D				RS		RS
	C					C	C						
	B					B	B						
	A					A	A						
3P + 24S + 3P		HD											HD



PART NUMBER	ROWS	POWER				SIGNAL								POWER								
		P13	P12	P11	P10	8	7	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1
6450570-6	D	RL	RL	RK	RL	DD	DD	DD	DD	DD	DD	DD	DD	RL	RL	RL	RL	RL	RL		RK	RL
	C					CC	CC	CC	CC	CC	CC	CC	CC									
	B					BB	BB	BB	BB	BB	BB	BB	BB									
	A					AA	AA	AA	AA	AA	AA	AA	AA									
9P + 32S + 4P		HD																				HD

NO CONTACT LOADED



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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°	CHK M.PERCHERKE 25MAY2005	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-6450570 · RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	CUSTOMER DRAWING · SCALE 4:1 · SHEET 3 OF 7 · REV D6

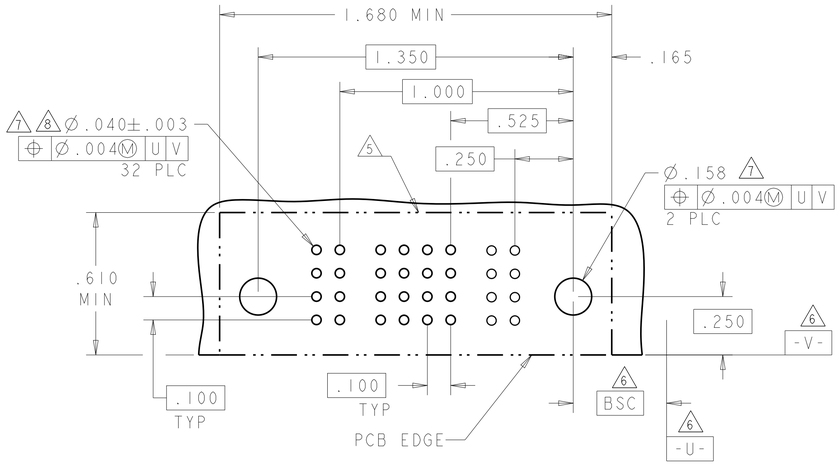
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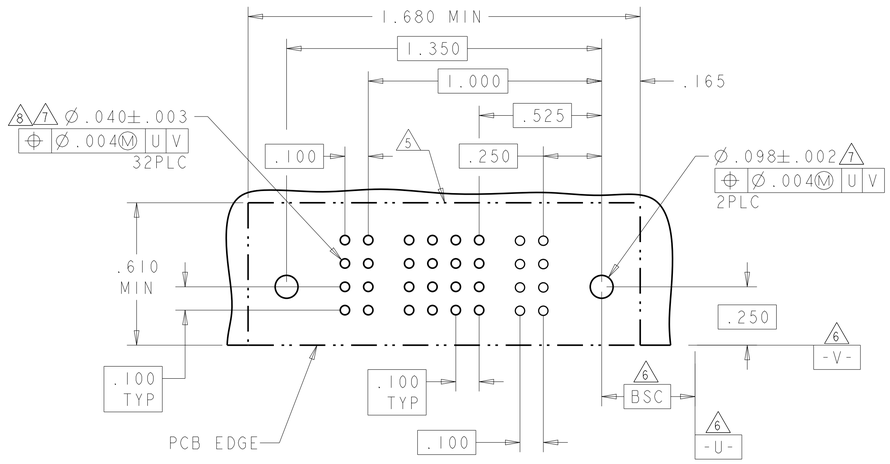
REVISIONS

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

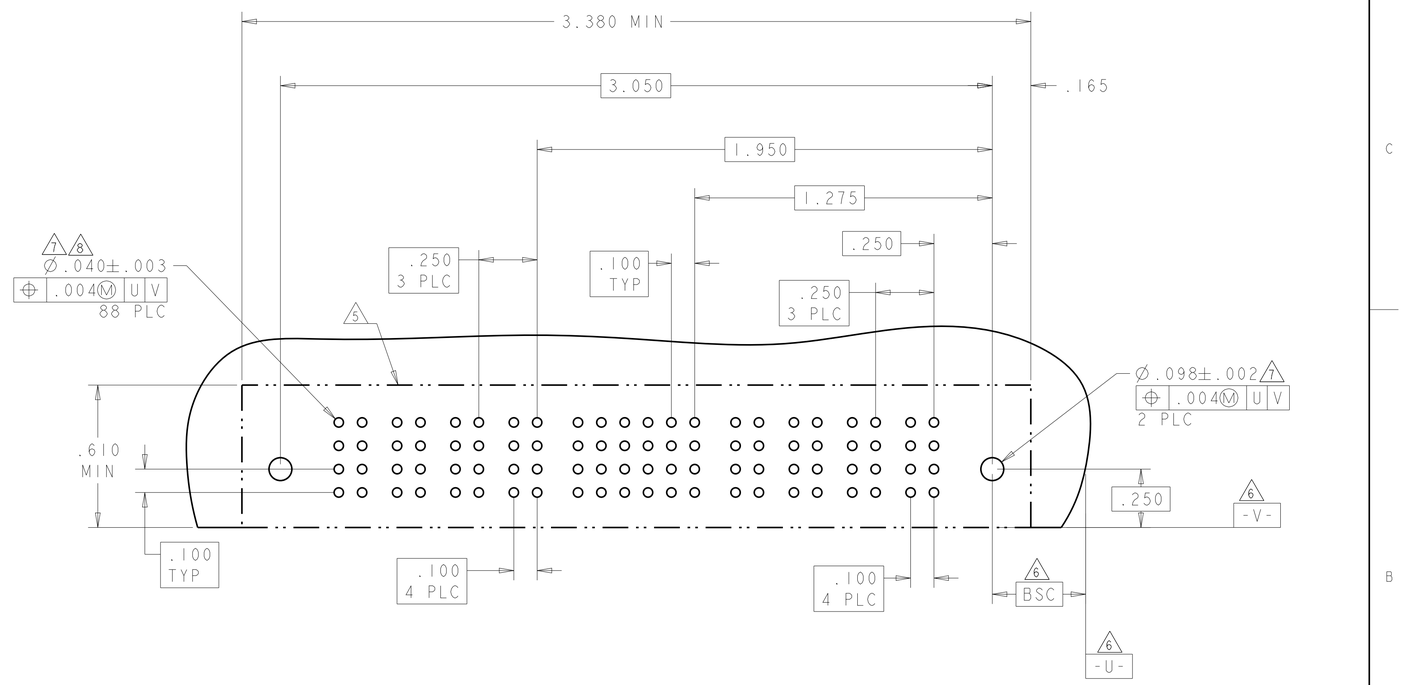
PART NUMBER	ROWS	POWER P2	SIGNAL 4	3	2	1	POWER P1
6450570-9	D C B A	RS	D	D	D	D	RP
			C	C	C	C	
			B	B	B	B	
			A	A	A	A	
1P + 16S + 1P							



PART NUMBER	ROWS	POWER P2	SIGNAL 4	3	2	1	POWER P1
1-6450570-3	D C B A	RP	D	D	D	D	RS
			C	C	C	C	
			B	B	B	B	
			A	A	A	A	
	HD						HD
1P + 16S + 1P							



PART NUMBER	ROWS		POWER P8	P7	P6	P5	SIGNAL 6	5	4	3	2	1	POWER P4	P3	P2	P1	
1-6450570-2	D C B A	HD	RP	RP	RP	RP	D	D	D	D	D	D	RP	RP	RP	RP	HD
							C	C	C	C	C	C					
							B	B	B	B	B	B					
							A	A	A	A	A	A					
4P + 24S + 4P																	



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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 25MAY2005
CHK M.PERCHERKE 25MAY2005
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-6450570	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 7 | REV D6

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LOC	DIST
ES	00

REVISIONS

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

(D)

PART NUMBER	ROWS	POWER P4	POWER P3	SIGNAL 4	SIGNAL 3	SIGNAL 2	SIGNAL 1	POWER P2	POWER P1
1-6450570-4	D C B A	RS	RP	D C B A	D C B A	D C B A	D C B A	RP	RS

HD HD

2P + 16S + 2P

PART NUMBER	ROWS	POWER P4	POWER P3	SIGNAL 4	SIGNAL 3	SIGNAL 2	SIGNAL 1	POWER P2	POWER P1
1-6450570-7	D C B A	RP	RS	D C B A	D C B A	D C B A	D C B A	RP	RS

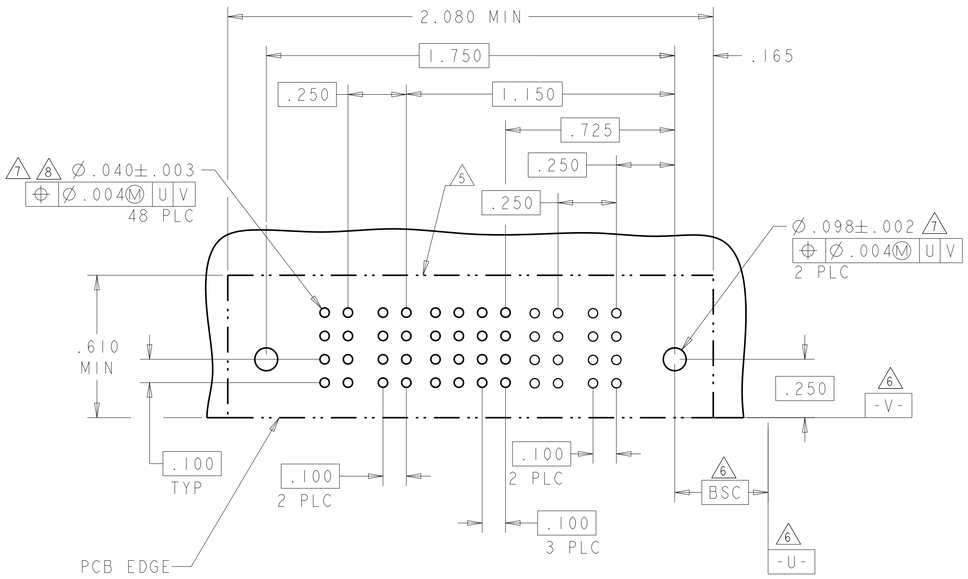
HD HD

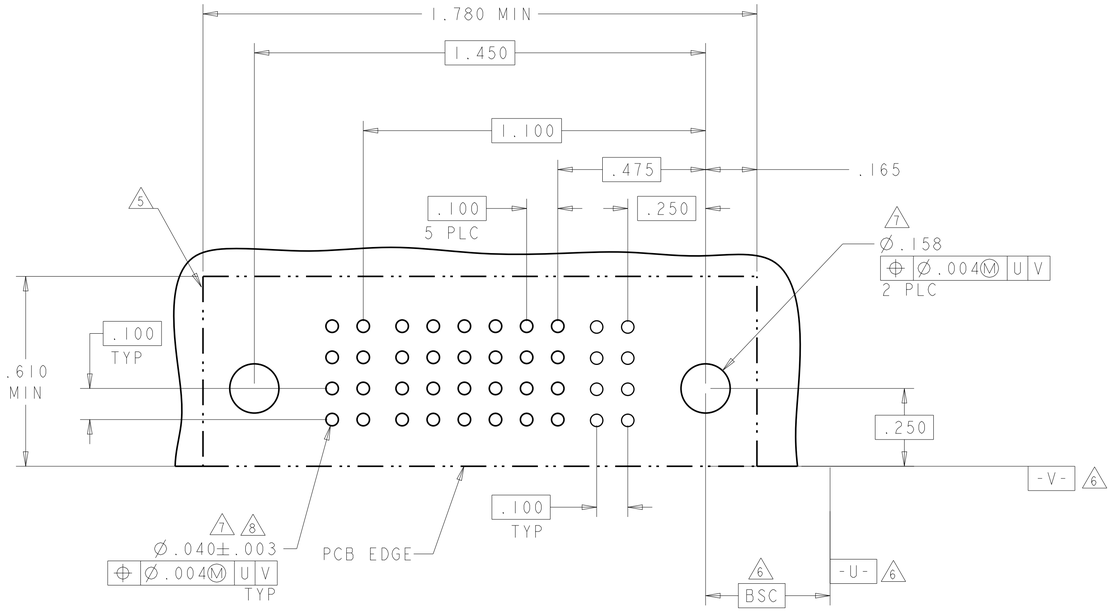
2P + 16S + 2P

(D1)

PART NUMBER	ROWS	POWER P2	SIGNAL 6	SIGNAL 5	SIGNAL 4	SIGNAL 3	SIGNAL 2	SIGNAL 1	POWER P1
1-6450570-5	D C B A	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	RS

1P + 24S + 1P





I-6450570-4 AND I-6450570-7 PCB LAYOUT

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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 25MAY2005
CHK M.PERCHERKE 25MAY2005
APVD M.PERCHERKE -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450570	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 7 | REV D6

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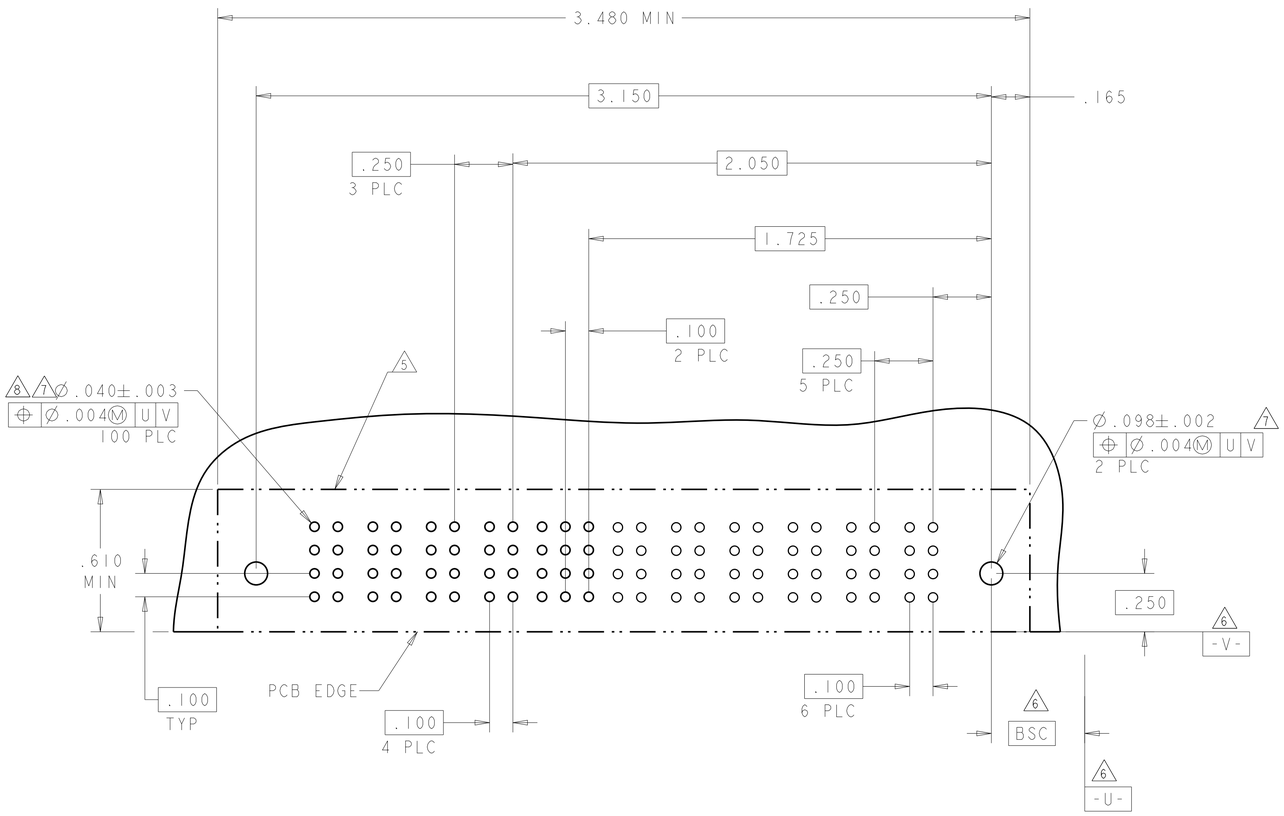
LOC	DIST
ES	00

REVISIONS

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

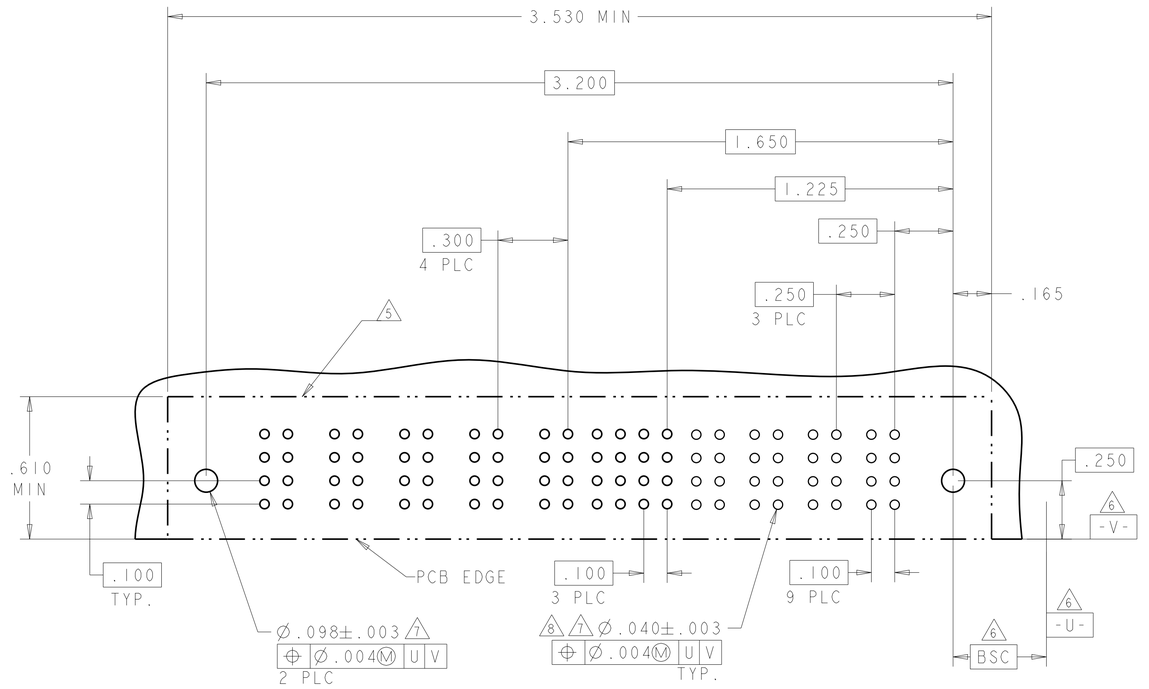
D3

PART NUMBER	ROWS		POWER				SIGNAL			POWER						
			P10	P9	P8	P7	3	2	1	P6	P5	P4	P3	P2	P1	
1-6450570-6	D		RS	RS	RS	RS	D	D	D	RS	RS	RS	RS	RP	RP	
	C						C	C	C							
	B						B	B	B							
	A	HD					A	A	A							HD
6P + 12S + 4P																



D6

PART NUMBER	ROWS		POWER					SIGNAL				POWER				
			P9	P8	P7	P6	P5	4	3	2	1	P4	P3	P2	P1	
1-6450570-8	D		RL	RL	RK	RL	RL			DD	DD	RL	RK	RK	RL	
	C									CC	CC					
	B									BB	BB					
	A	HD								AA	AA					HD
4P + 16S + 5P																



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

MATERIAL - -

FINISH - -

DWN R GRZYBOWSKI 25MAY2005
CHK M PERCHERKE 25MAY2005
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-6450570	-

CUSTOMER DRAWING

SCALE 4:1 SHEET 6 OF 7 REV D6

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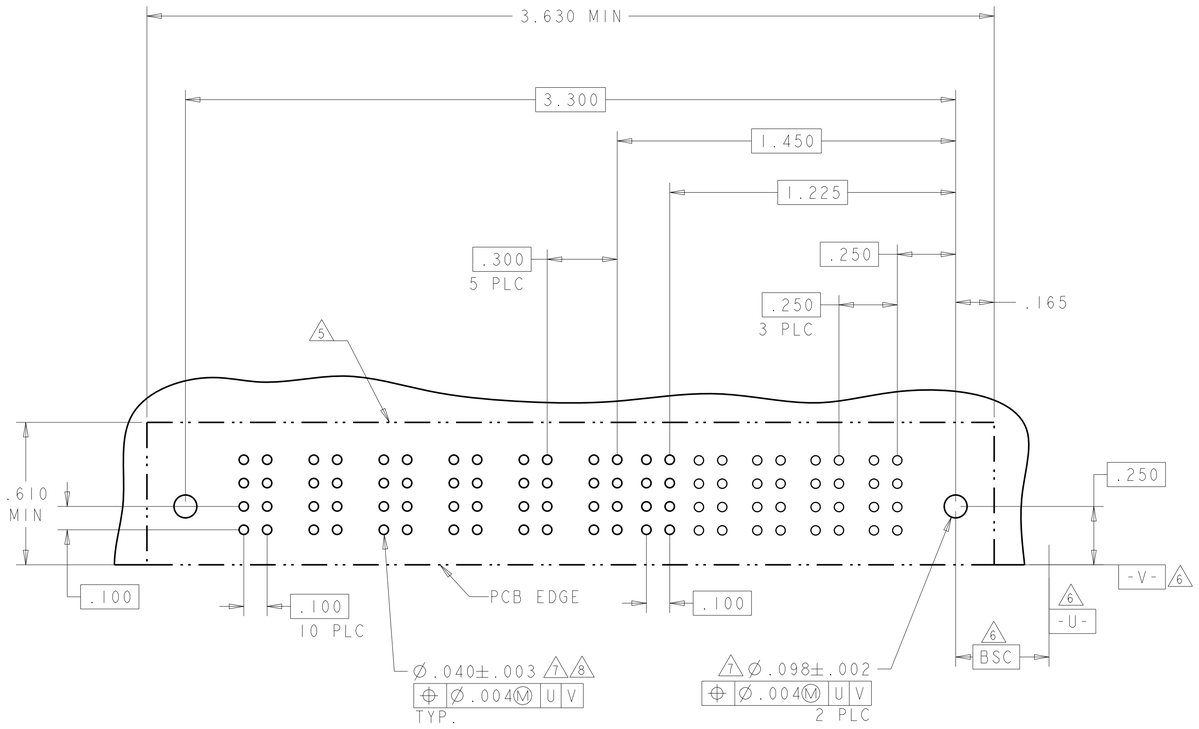
LOC	DIST
ES	00

REVISIONS

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

D6

PART NUMBER	ROWS	POWER						SIGNAL		POWER				
		P10	P9	P8	P7	P6	P5	2	1	P4	P3	P2	P1	
1-6450570-9	D C B A	RL	RL	RK	RL	RL		DD CC BB AA	DD CC BB AA	RL	RK	RK	RL	HD
4P + 8S + 6P														



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

MATERIAL - -

FINISH - -

DWN R.GRZYBOWSKI 25MAY2005
CHK M.PERCHERKE 25MAY2005
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450570	-

SCALE 4:1 SHEET 7 OF 7 REV D6