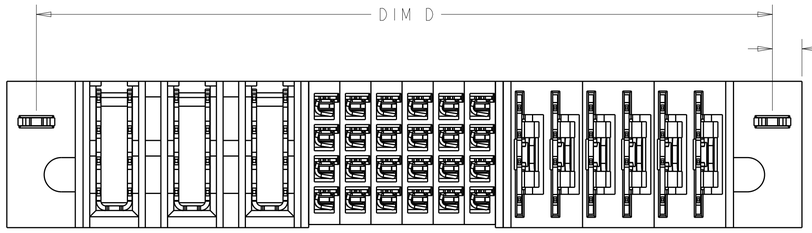
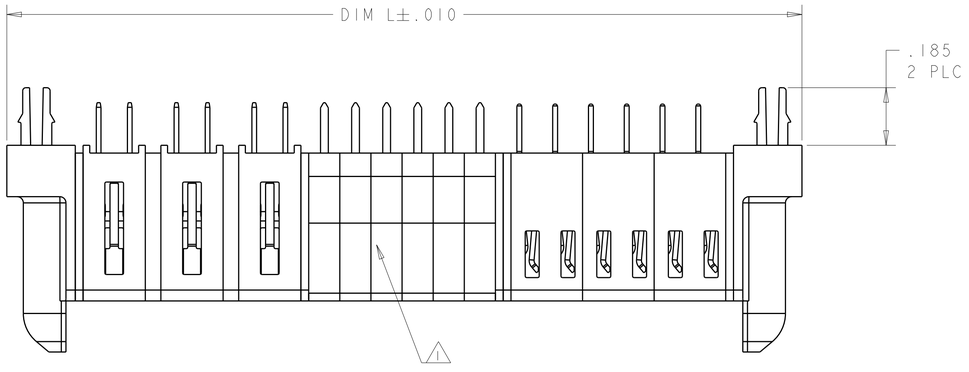
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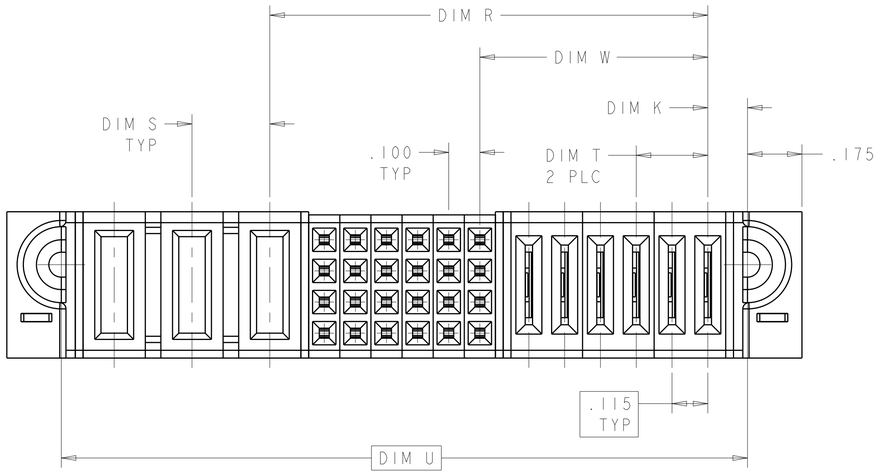
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ES	00

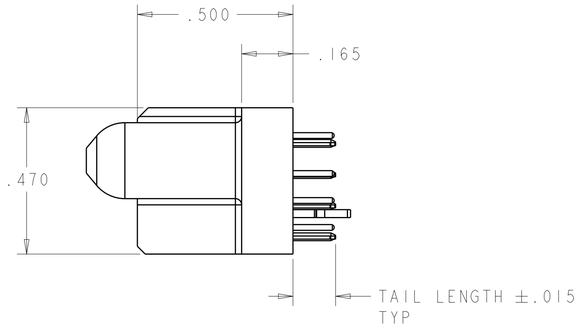
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E9	REVISED 2-2 BY CUSTOMER	26FEB2015	CZ	SZ









1. "AMP", TRADEMARK, PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN
2. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O, BLACK
   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 HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE
8. DIM W & DIM R ARE APPLICABLE TO P+S+P CONFIGURATION.
9. FOR P/N 6450850-3,-11,THE VARIABLE DIMENSIONS PLEASE SEE SHEET 2.
10. VARIABLE DIMENSIONS SHOW ON TABLE OR PART VIEW

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 -3

DWN S.ZHAO 20SEP2007
CHK S.ZHAO 20SEP2007
APVD S.YAO -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450850	-

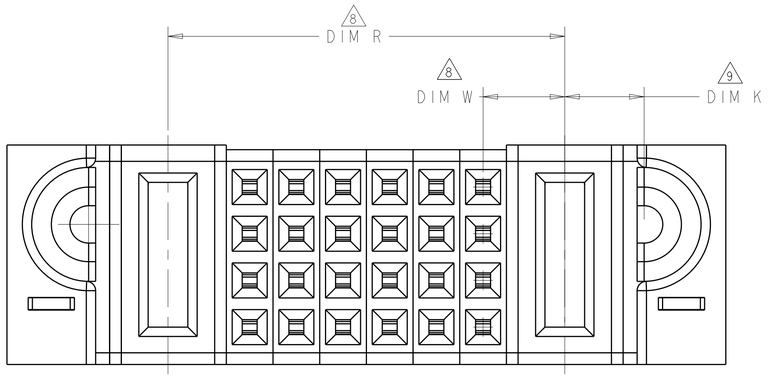
CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 8 | REV E9

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LOC	DIST
ES	00

REVISIONS

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



FOR P/N 6450850-3,-11,THE OTHER DIMENSIONS PLEASE SEE THE TABLE OF SHEET 1.

DIM T	DIM S	DIM R 6	DIM W 8	DIM L	DIM U	DIM D	DIM K	DESCRIPTION	PART NUMBER
10	10	2.1275	1.1025	4.475	4.125	4.285	.1025	9LP + 36S + 1P + 15LP	2-6450850-2
.300	.250	1.275	.800	2.490	2.140	2.300	.195	3ACP + 16S + 3P	2-6450850-1
.230	.230	1.090	.7825	1.990	1.640	1.800	.1025	3LP + 12S + 4LP	2-6450850-0
.250	.250	1.150	.675	2.340	1.990	2.150	.170	3P + 16S + 3P	1-6450850-9
10	10	10	10	3.270	2.920	3.080	.170	5HDP + 24S + 1P + 7LP	1-6450850-8
-	-	.500	.200	1.140	.790	.950	.145	1P + 8S + 1P	1-6450850-7
.300	.250	1.250	.775	2.940	2.590	2.750	.170	3ACP + 16S + 5P	1-6450850-6
.200	.200	.800	.350	1.840	1.490	1.650	.145	2P + 16S + 3P	1-6450850-4
.250	.250	1.300	.925	2.740	2.390	2.550	.170	4P + 12S + 4P	1-6450850-3
-	-	.850	.175	1.540	1.190	1.350	.170 9	1P + 24S + 1P	1-6450850-1
-	-	.850	.175	1.540	1.190	1.350	.170 9	1P + 24S + 1P	6450850-3
.230	.250	1.4075	.7325	2.555	2.205	2.365	.1275	6LP + 24S + 3P	6450850-2

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DIMENSIONS: INCHES

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

MATERIAL - -
FINISH - -

DWN S.ZHAO 20SEP2007
CHK S.ZHAO 20SEP2007
APVD S.YAO -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450850	-

CUSTOMER DRAWING

SCALE 4:1 SHEET 2 OF 8 REV E9

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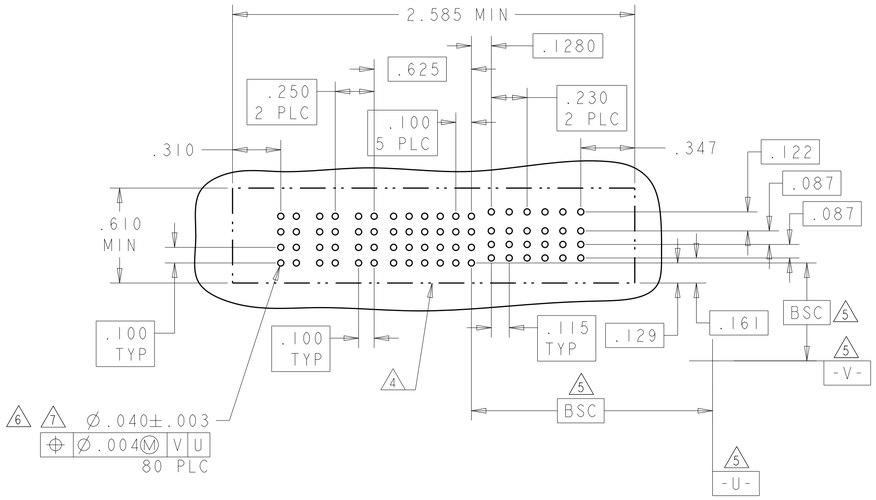
LOC	DIST
ES	00

REVISIONS

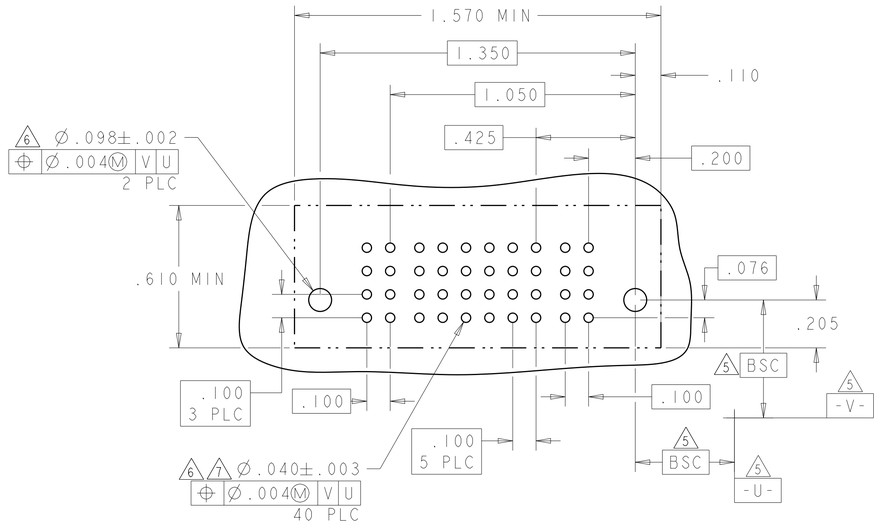
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

E3

PART NUMBER	ROWS		POWER			SIGNAL						POWER						
			P3	P2	P1	6	5	4	3	2	1	LP6	LP5	LP4	LP3	LP2	LP1	
6450850-2	D C B A		VM	VM	VM	E E E E	E E E E	E E E E	E E E E	E E E E	E E E E	LM	LM	LM	LM	LM	LM	
6LP + 24S + 3P																		



PART NUMBER	ROWS		POWER	SIGNAL						POWER		
			P2	6	5	4	3	2	1	P1		
6450850-3	D C B A	HD	VM	E E E E	E E E E	E E E E	E E E E	E E E E	E E E E	VM		HD
IP + 24S + IP												



PART NUMBER	ROWS		POWER	SIGNAL						POWER		
			P2	6	5	4	3	2	1	P1		
1-6450850-1	D C B A	HD	VM	E E E E	E E E E	E E E E	E E E E	E E E E	E E E E	VA		HD
IP + 24S + IP												

LAYOUT OF 1-6450850-1 IS SAME AS 6450850-3.

CODE	DESCRIPTION
LM	LOW POWER CONTACT .135" TAIL LENGTH
M	SIGNAL CONTACT .165" TAIL LENGTH
E	SIGNAL CONTACT .135" TAIL LENGTH
VO	POWER CONTACT, STD.165" TAIL LENGTH
VA	POWER CONTACT, MFBL.135" TAIL LENGTH
VM	POWER CONTACT, STD.135" TAIL LENGTH

CONTACTS

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 S.ZHAO 20SEP2007
CHK S.ZHAO 20SEP2007
APVD S.YAO -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450850	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 8 | REV E9

4805 (3/11)

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LOC	DIST
ES	00

REVISIONS

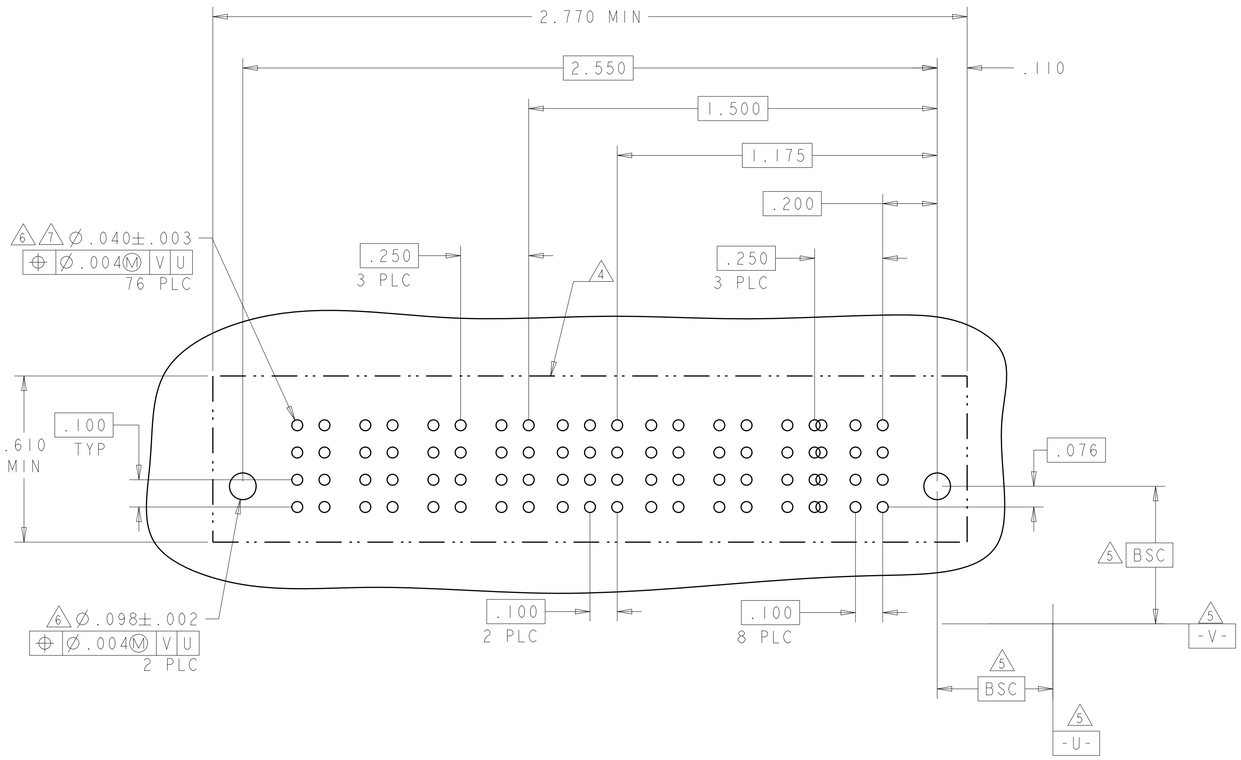
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

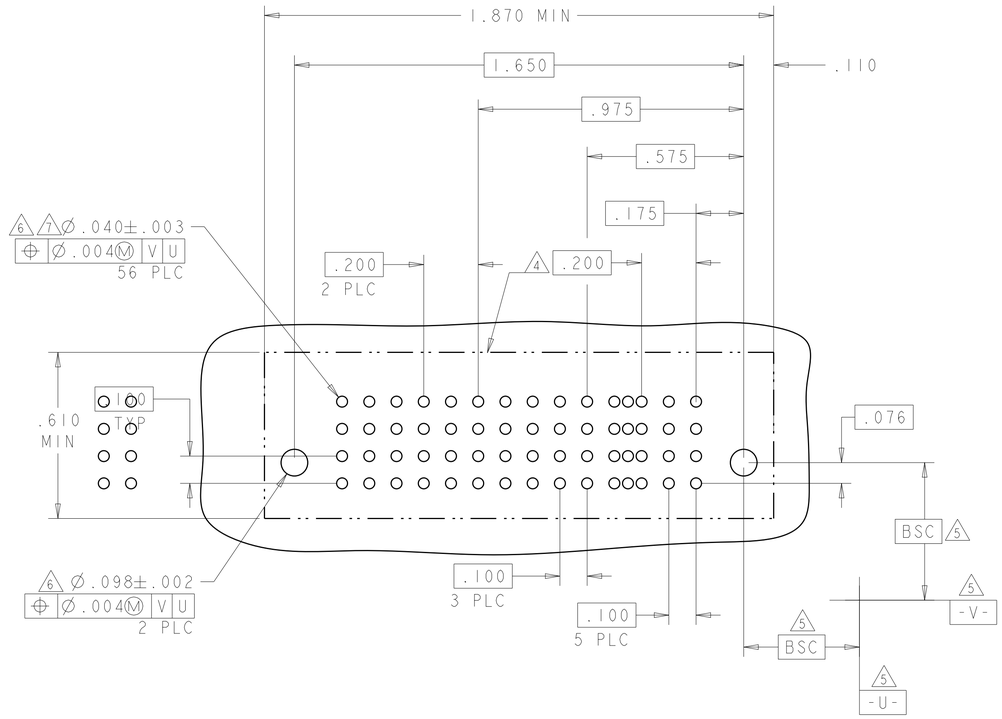
(D)

PART NUMBER	ROWS		POWER				SIGNAL			POWER				
			P8	P7	P6	P5	3	2	1	P4	P3	P2	P1	
1-6450850-3	D		VM	VM	VM	VM	E	E	E	VM	VM	VM	VM	
	C						E	E	E					
	B						E	E	E					
	A	HD					E	E	E					HD
4P + 12S + 4P														

(D1)

PART NUMBER	ROWS		POWER			SIGNAL				POWER		
			P5	P4	P3	4	3	2	1	P2	P1	
1-6450850-4	D		VM	VM	VM	E	E	E	E	VM	VM	
	C					E	E	E	E			
	B					E	E	E	E			
	A	HD				E	E	E	E			HD
2HDP + 16S + 3HDP												





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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 S.ZHAO 20SEP2007
CHK S.ZHAO 20SEP2007
APVD S.YAO -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450850	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 8 | REV E9

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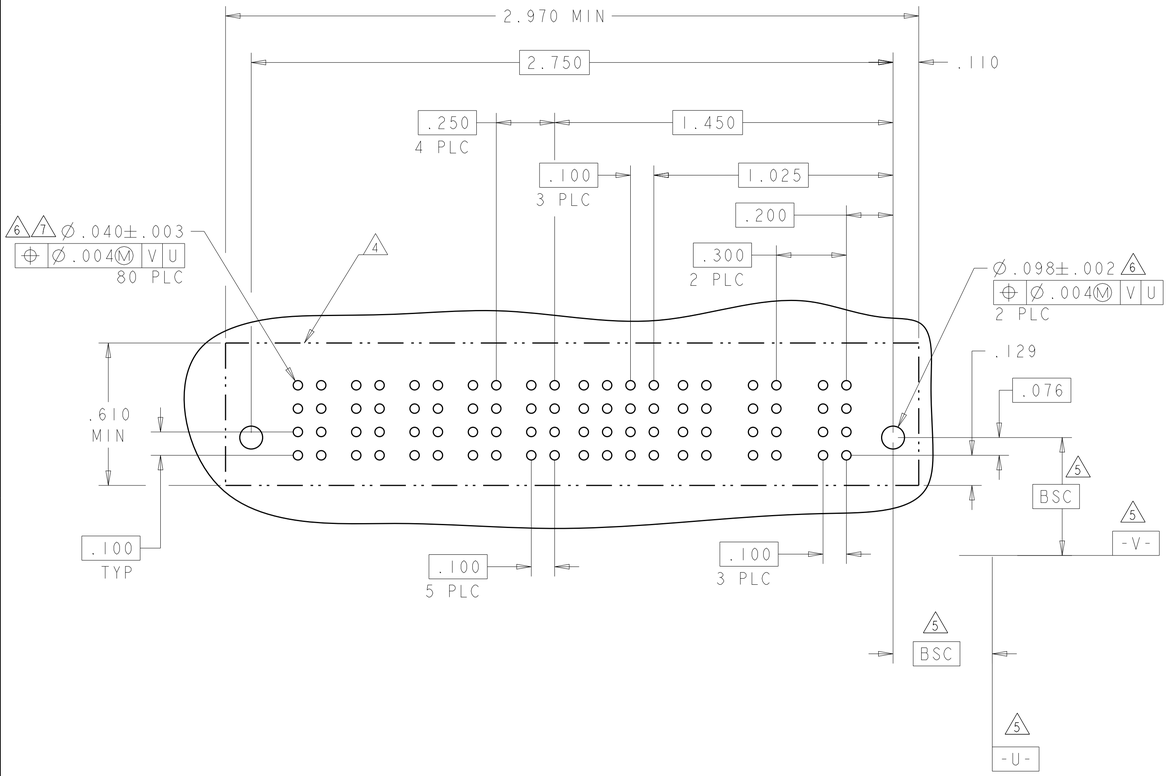
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ES	00

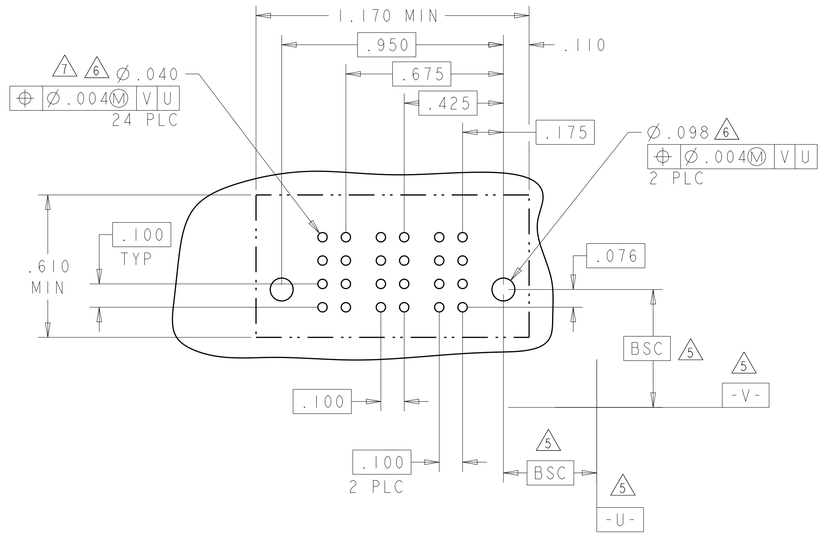
REVISIONS

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

PART NUMBER	ROWS		POWER					SIGNAL				POWER			
			P8	P7	P6	P5	P4	4	3	2	1	P3	P2	P1	
1-6450850-6	D		VA	VM	VM	VM	VA	E	E	E	E	VM	VM	VA	
	C							E	E	E	E				
	B							E	E	E	E				
	A	HD						E	E	E	E				HD
3ACP + 16S + 5P															

PART NUMBER	ROWS		POWER	SIGNAL		POWER	
			P2	2	1	P1	
1-6450850-7	D		VM	E	E	VM	
	C			E	E		
	B			E	E		
	A	HD		E	E		HD
1P + 8S + 1P							





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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 S.ZHAO 20SEP2007
CHK S.ZHAO 20SEP2007
APVD S.YAO -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450850	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 8 | REV E9

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LOC	DIST
ES	00

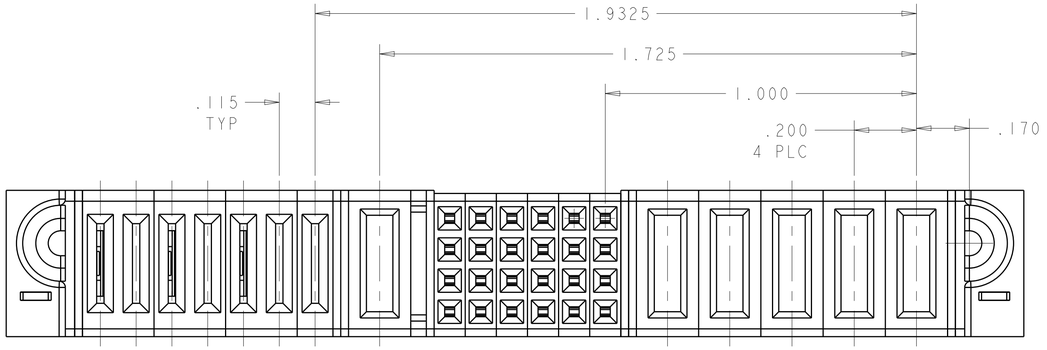
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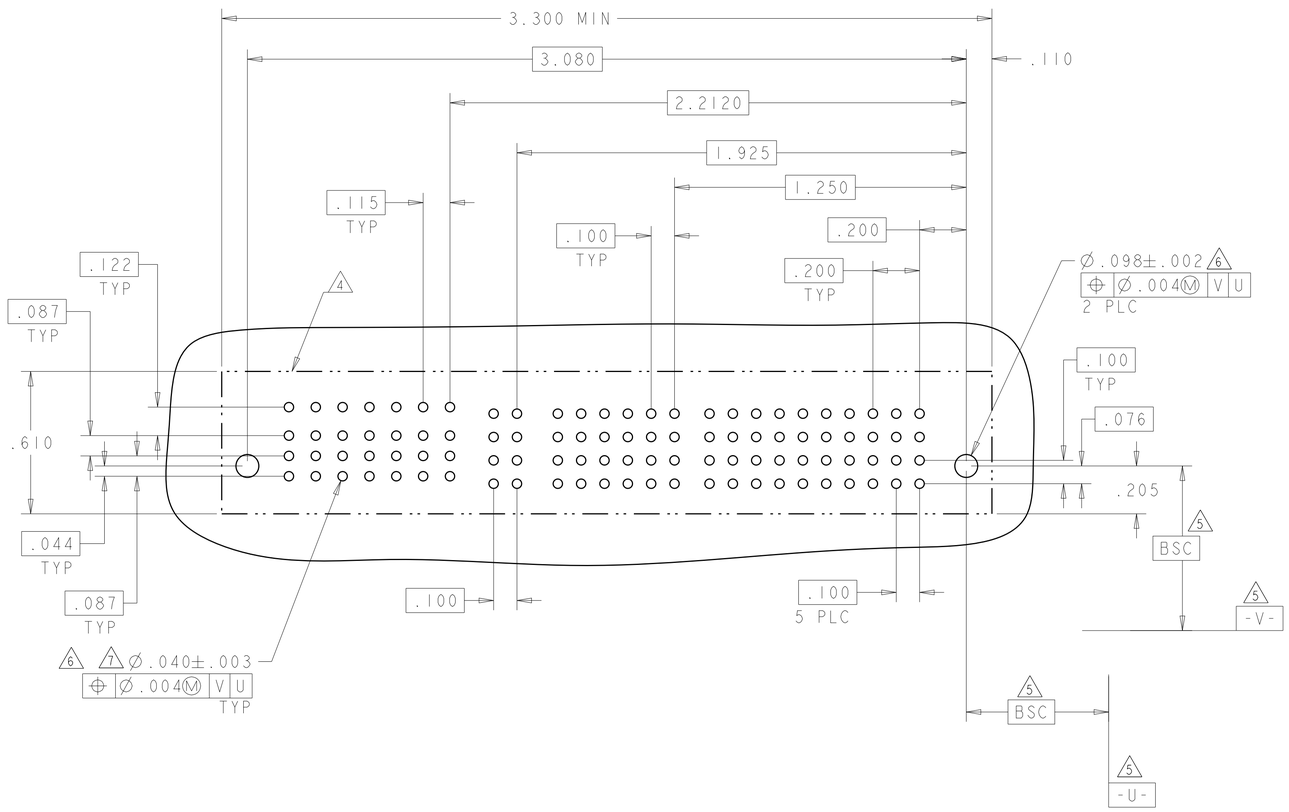
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	-	SEE SHEET 1	-	-	-

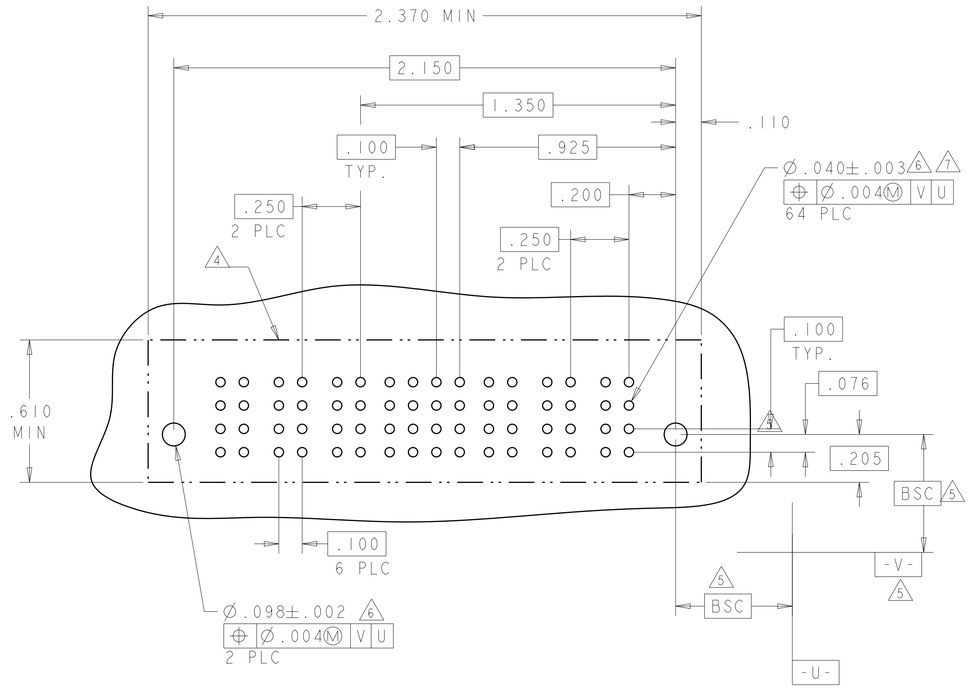
PART NUMBER	ROWS		LOW POWER							POWER	SIGNAL						POWER					
			LP7	LP6	LP5	LP4	LP3	LP2	LP1	P6	6	5	4	3	2	1	P5	P4	P3	P2	P1	
1-6450850-8	D										E	E	E	E	E	E						
	C										E	E	E	E	E	E						
	B		LM		LM		LM			VA	E	E	E	E	E	E	VM	VM		VM	VM	
	A	HD									E	E	E	E	E	E						HD
5HDP + 24S + 1P + 7LP																						

NO CONTACTS LOADED

PART NUMBER	ROWS		POWER			SIGNAL				POWER			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
1-6450850-9	D		VM	VM	VM	E	E	E	E	VM	VM	VM	
	C					E	E	E	E				
	B					E	E	E	E				
	A	HD				E	E	E	E				HD
3P + 16S + 3P													







THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN S.ZHAO 20SEP2007	TE Connectivity		
DIMENSIONS: INCHES	CHK S.ZHAO 20SEP2007	NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	APVD S.YAO -	SIZE A1	CAGE CODE 00779	DRAWING NO C-6450850
	PRODUCT SPEC 108-1973			RESTRICTED TO -
	APPLICATION SPEC 114-13038			
MATERIAL - -	WEIGHT -	SCALE 4:1	SHEET 6 OF 8	REV E9
FINISH - -	CUSTOMER DRAWING			

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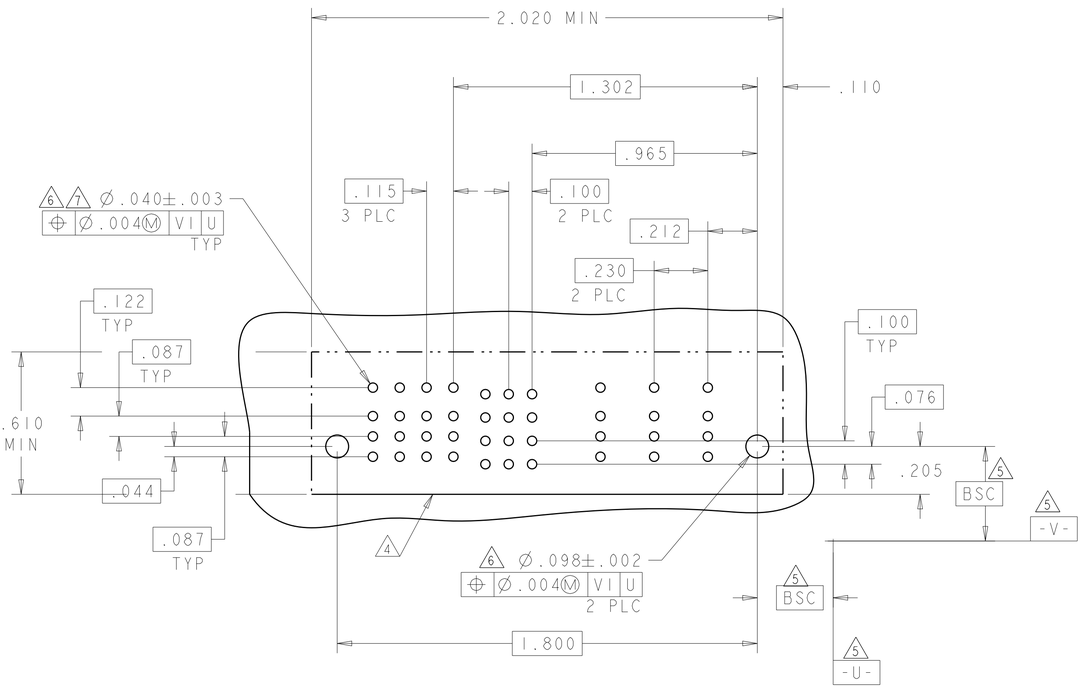
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ES	00

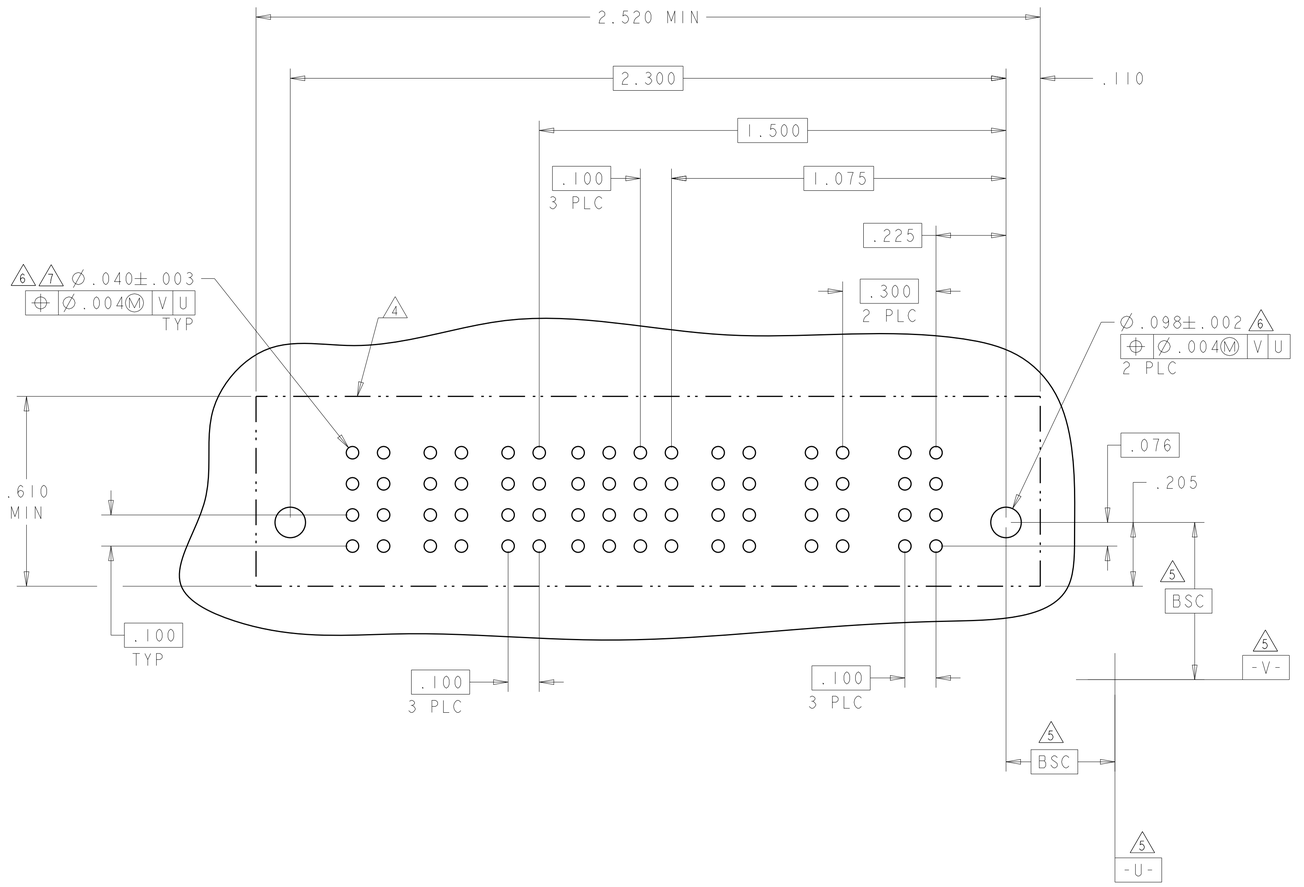
REVISIONS

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

PART NUMBER	ROWS		LOW POWER				SIGNAL			LOW POWER			
			LP7	LP6	LP5	LP4	3	2	1	LP3	LP2	LP1	
2-6450850-0	D		LM	LM	LM	LM	E	E	E	LM	LM	LM	
	C						E	E	E				
	B						E	E	E				
	A	HD					E	E	E				HD
3LP + 12S + 4LP													

PART NUMBER	ROWS		POWER			SIGNAL				POWER			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
2-6450850-1	D		VA	VM	VA	E	E	E	E	VM	VM	VA	
	C					E	E	E	E				
	B					E	E	E	E				
	A	HD				E	E	E	E				HD
3ACP + 16S + 3P													





THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN S.ZHAO 20SEP2007	TE Connectivity	
DIMENSIONS: INCHES	CHK S.ZHAO 20SEP2007	NAME	VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	APVD S.YAO -	SIZE A1	CAGE CODE 00779 DRAWING NO C-6450850 RESTRICTED TO -
MATERIAL - -	PRODUCT SPEC 108-1973	WEIGHT -	SCALE 4:1 SHEET 7 OF 8 REV E9
FINISH - -	APPLICATION SPEC 114-13038	CUSTOMER DRAWING	

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LOC	DIST
ES	00

REVISIONS

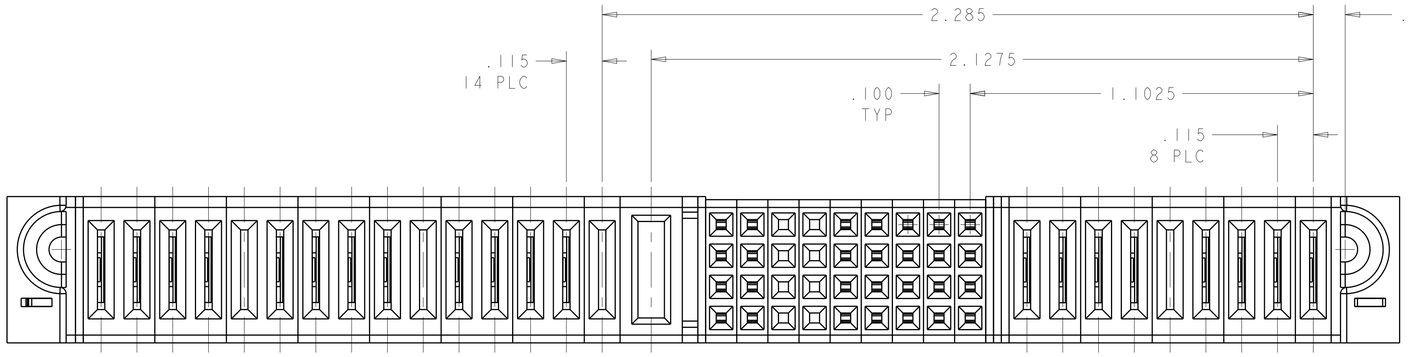
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

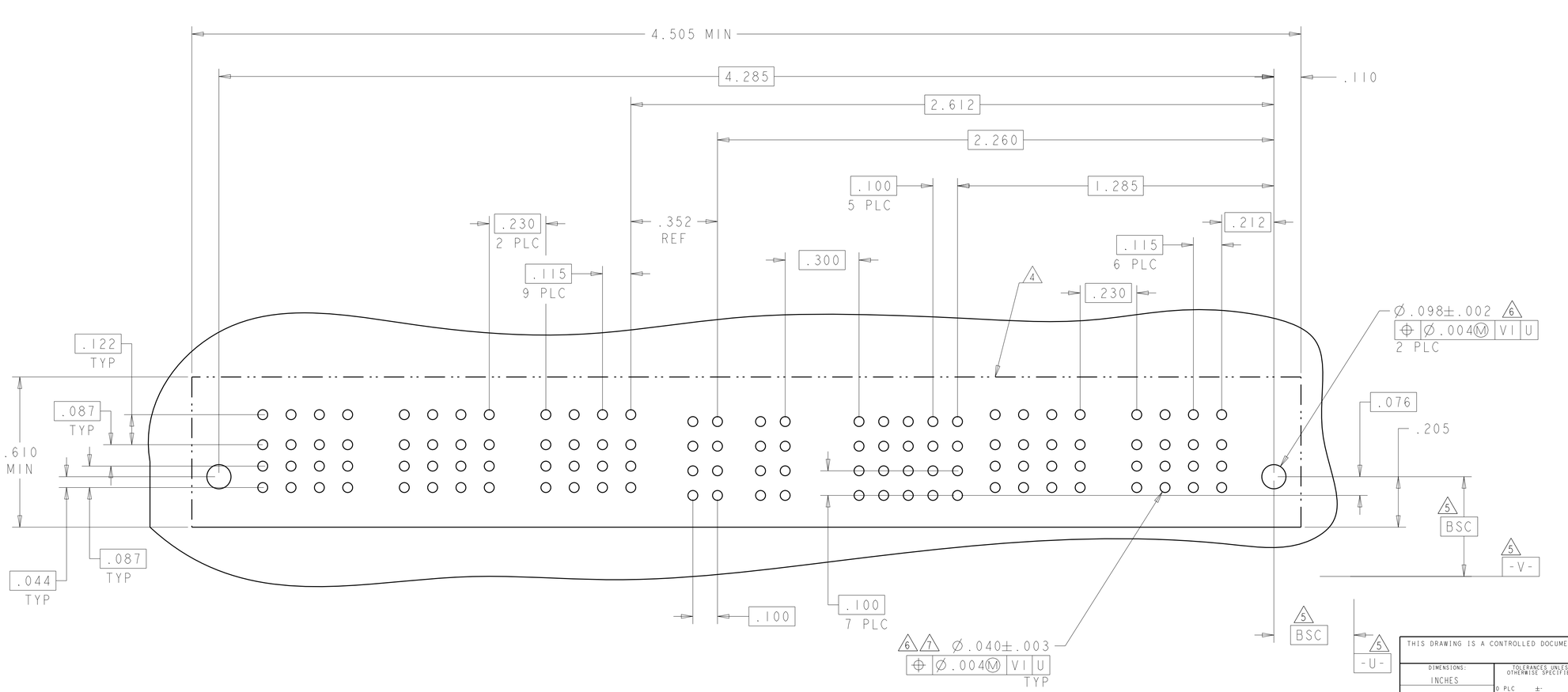
PART NUMBER	ROWS		LOW POWER														POWER	SIGNAL									LOW POWER									
			LP24	LP23	LP22	LP21	LP20	LP19	LP18	LP17	LP16	LP15	LP14	LP13	LP12	LP11	LP10	P1	9	8	7	6	5	4	3	2	1	LP9	LP8	LP7	LP6	LP5	LP4	LP3	LP2	LP1	
2-6450850-2	D		LM	LM	LM	LM		LM	LM	LM	LM		LM	LM	LM	LM		VA	E	E			E	E	E	E	E	LM	LM	LM	LM		LM	LM	LM	LM	
	C																		E	E			E	E	E	E	E									
	B																		E	E			E	E	E	E	E									
	A	HD																	E	E			E	E	E	E	E									HD
9LP + 36S + 1P + 15LP																																				

NO CONTACTS LOADED

NO CONTACTS LOADED

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°

MATERIAL - -

FINISH - -

DWN S.ZHAO	20SEP2007
CHK S.ZHAO	20SEP2007
APVD S.YAO	-
PRODUCT SPEC	108-1973
APPLICATION SPEC	114-13038
WEIGHT	-

TE Connectivity

NAME VERTICAL RECEPTACLE ASSEMBLY, WITH GUIDES MULTI-BEAM XLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450850	-

CUSTOMER DRAWING

SCALE 4:1 SHEET 8 OF 8 REV E9