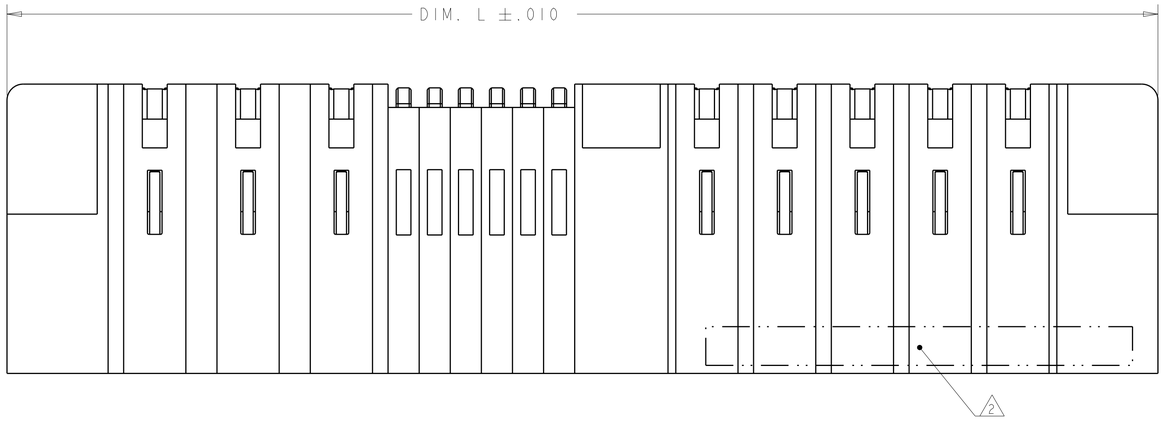
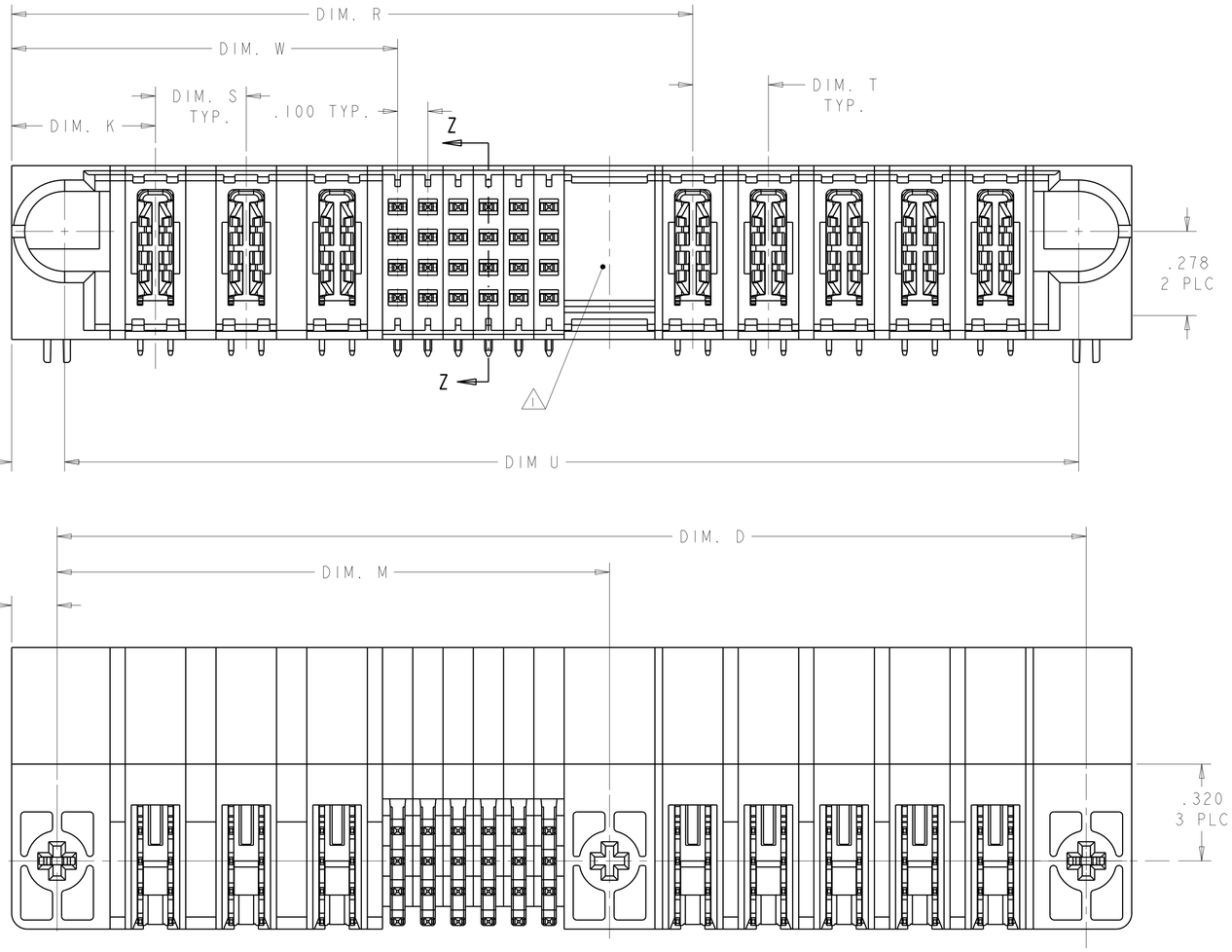
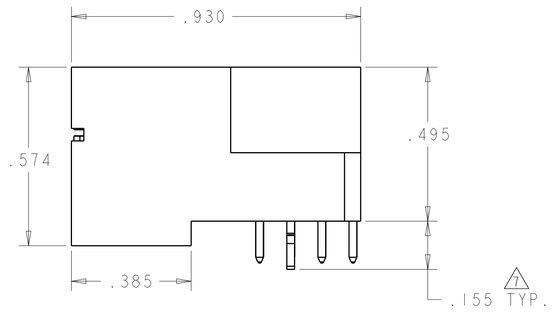
LOC	DIST
ES	00

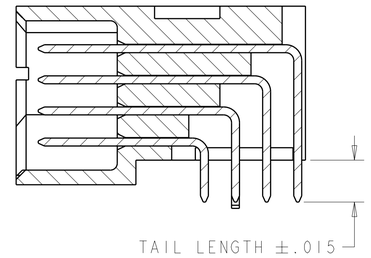
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	K5	REV PER ECR-09-022624	16OCT2009	IL	SY
	K6	ADDED NEW DASH NUMBER -94.	23NOV2009	IL	SY
	L	REV PER ECR-09-025943	26NOV2009	IL	SY
	L1	REV PER ECR-09-026482	07DEC2009	IL	SY









SECTION Z-Z

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

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

DWN R.GRZYBOWSKI 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -

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

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 20 | REV L1

LOC	DIST
ES	00

REVISIONS

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

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-0
   SIGNAL CONTACT - COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
4. CONTACT PLATING: SIGNAL CONTACTS - .000050 MIN Ni UNDER ALL.
   .000030 MIN Au ON CONTACT AREA.
   .000100 MIN Sn AT PCB INTERFACE.
   POWER CONTACTS - .000050 MIN NI UNDER ALL.
   .000030 MIN Au ON CONTACT AREA.
   .000100 MIN Sn AT PCB INTERFACE.
5. MECHANICAL CONNECTOR KEEP OUT ZONE.
6. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
7. HOLD DOWN SEATING DEPTH DIMENSION FOR 6450130-4 IS .185 TYP
8. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
9. PCB - .0453 +/-.0010 DRILLED HOLES PLATES WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040±.003 DIA HOLE.
10. VARIABLE DIMS. SHOWN ON VIEW

	DIM U	DIM S (1)	DIM T (2)	DIM R	DIM W	DIM D	DIM M	DIM L (4)	DIM K	DESCRIPTION	PART NUMBER
K6	2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	9-6450130-4
	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	9-6450130-3
	2.350	.250	.250	1.250	.875	2.400	-	2.700	.450	2P + 12S + 5P	9-6450130-2
	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	9-6450130-0
	1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	8-6450130-9
	1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	8-6450130-8
	2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	8-6450130-7
	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	8-6450130-6
	1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	8-6450130-5
	2.800	.250	.250	1.700	1.125	2.850	-	3.150	.450	3P + 20S + 5P	8-6450130-4
	2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	8-6450130-2
	2.850	.250	.250	2.500	1.875	2.900	-	3.200	.450	6P + 20S + 2P	8-6450130-0
	2.600	.250	.250	2.250	1.625	2.650	-	2.950	.450	5P + 20S + 2P	7-6450130-9
	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	7-6450130-8
	4.800	.250	.250	3.450	1.875	4.850	-	5.150	.450	6P + 60S + 6P	7-6450130-7
	3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	7-6450130-6
	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	7-6450130-5
	6.250	.250	(10)	5.050	4.375	6.300	-	6.600	.450	16P + 24S + 2P + 3ACP	7-6450130-4
	1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	6-6450130-7
	2.500	.250	.250	2.150	1.425	2.550	-	2.850	.450	4P + 24S + 2P	5-6450130-8
	3.100	.200	.200	2.225	1.375	3.150	-	3.450	.425	5P + 32S + 5P	5-6450130-5
	2.300	.300	.250	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	5-6450130-1
	4.000	.300	.300	2.675	1.925	4.050	-	4.350	.475	5ACP + 24S + 5ACP	5-6450130-0
	3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	4-6450130-9
	3.300	.250	.250	2.450	1.375	3.350	-	3.650	.450	4P + 40S + 4P	4-6450130-8
	3.100	.200	.200	2.225	1.375	3.150	-	3.450	.425	5P + 32S + 5P	4-6450130-5
	2.100	.300	.250	1.750	1.275	2.150	-	2.450	.475	3ACP + 16S + 2P	4-6450130-3
	1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	4-6450130-2
	2.100	.200	.200	1.425	1.175	2.150	-	2.450	.425	4P + 8S + 4P	4-6450130-0
	2.100	.300	.250	1.750	1.275	2.150	-	2.450	.475	3ACP + 16S + 2P	3-6450130-9
	4.675	.250	.300	3.950	3.375	4.725	-	5.025	.450	12P + 20S + 3ACP	3-6450130-6
	3.500	.250	.250	2.900	1.625	3.550	-	3.850	.450	5P + 48S + 3P	3-6450130-2
	1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	2-6450130-9
	3.250	.250	.250	2.900	1.125	3.300	-	3.600	.450	3P + 68S + 2P	2-6450130-8
L1	2.300	.300	.250	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	2-6450130-6
	2.600	.200	.200	1.925	1.175	2.650	-	2.950	.425	4HDP + 28S + 4HDP	2-6450130-4
	3.200	.200	.200	2.125	1.575	3.250	-	3.550	.425	6P + 20S + 6P	2-6450130-3
	2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	2-6450130-2
	3.500	.200	.200	2.225	1.775	3.550	-	3.850	.425	7P + 16S + 7P	2-6450130-1
	5.450	(10)	(10)	3.075	2.425	5.500	-	5.800	.425	10P + 24S + 12P	2-6450130-0
	4.400	.250	.250	4.050	.875	4.450	-	4.750	.450	2P + 124S +2P	1-6450130-9
	4.275	(10)	.250	3.175	2.500	4.325	-	4.625	.475	2ACP + 6P + 24S + 5P	1-6450130-8
	1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	1-6450130-7
	3.300	.300	.250	1.950	1.275	3.350	-	3.650	.475	3ACP + 24S + 6P	1-6450130-4
	4.050	.250	-	3.950	.875	4.100	-	4.400	.450	2P + 120S + 1P	1-6450130-3
	3.250	.250	-	3.150	.875	3.300	-	3.600	.450	2P + 88S + 1P	1-6450130-2
	1.400	-	-	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450130-1
	2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	1-6450130-0
	2.550	.250	.300	1.825	1.125	2.600	-	2.900	.450	3P + 24S + 3ACP	6450130-9
	2.675	.200	.200	2.375	1.650	2.725	-	3.025	.450	5P + 24S + 2P	6450130-8
	3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450130-7
	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450130-6
	4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450130-5
	2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450130-4
	3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450130-3
	2.550	.300	.250	2.200	1.525	2.600	-	2.900	.475	3ACP + 1P + 24S + 2P	6450130-2
	3.650	.300	.250	2.550	1.275	3.700	-	4.000	.475	3ACP + 48S + 5P	6450130-1

DWN R.GRZYBOWSKI 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

DIMENSIONS: INCHES

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

MATERIAL - -
FINISH - -

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450130 | RESTRICTED TO -

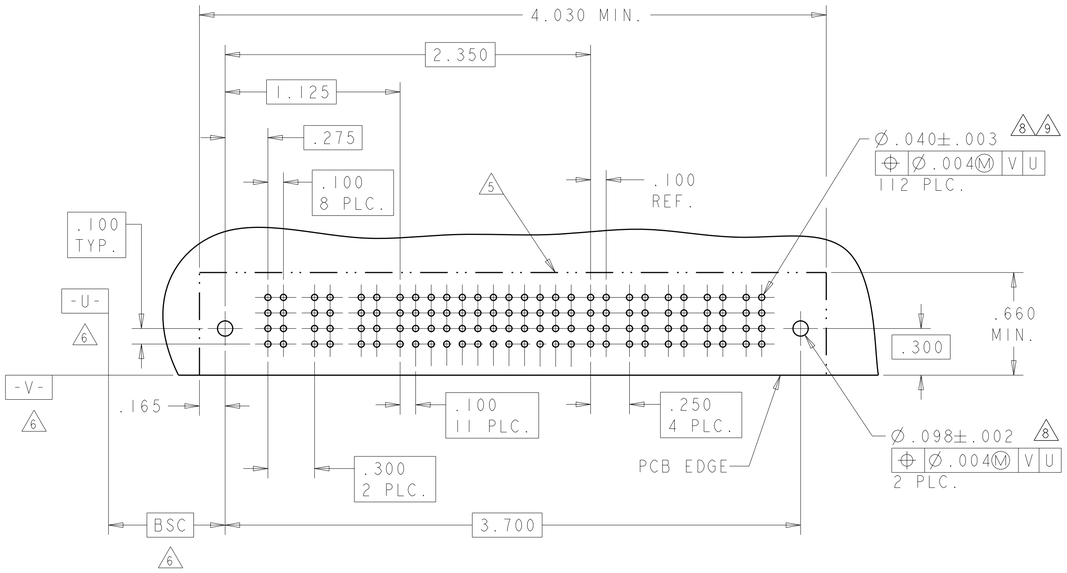
CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 20 | REV L1

LOC	DIST
ES	00

REVISIONS

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

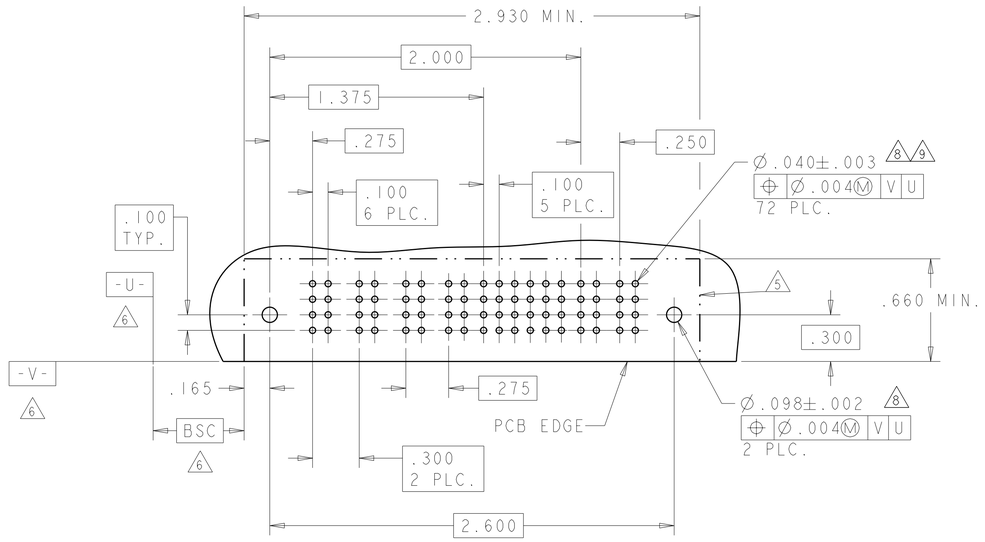
PART NUMBER	ROWS	POWER P1	POWER P2	POWER P3	SIGNAL 1	2	3	4	5	6	7	8	9	10	11	12	POWER P4	P5	P6	P7	P8
6450130-1	D	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM
	C				K	K	K	K	K	K	K	K	K	K	K	K					
	B				N	N	N	N	N	N	N	N	N	N	N	N					
	A				S	S	S	S	S	S	S	S	S	S	S	H					
		HD																			HD
3ACP + 48S + 5P																					



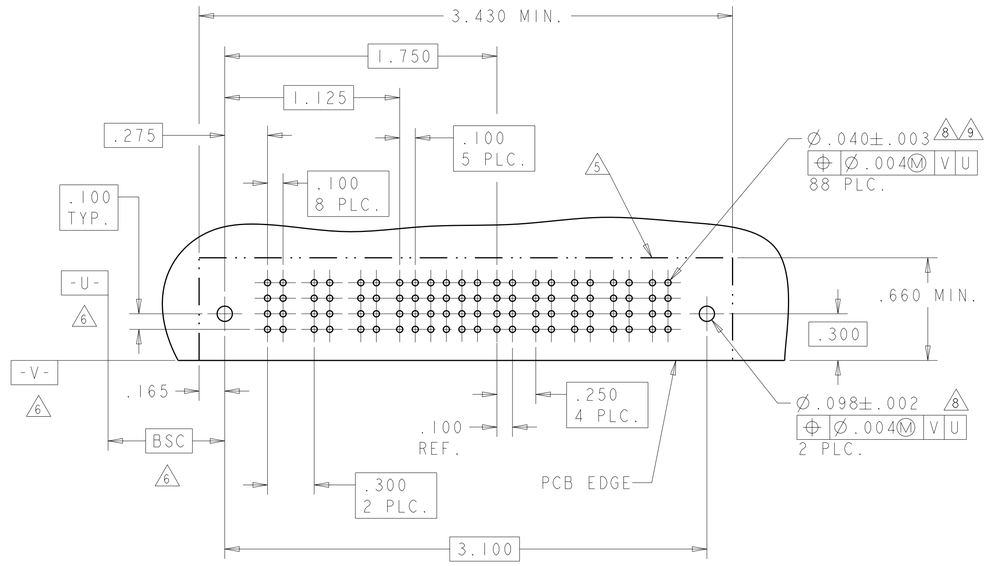
PART NUMBER	ROWS	POWER P1	POWER P2	POWER P3	POWER P4	SIGNAL 1	2	3	4	5	6	POWER P5	POWER P6
6450130-2	D	PM	PM	PM		E	J	J	J	J	E	PM	PM
	C					K	K	F	K	K	K		
	B					N	N	N	N	N	N		
	A					H	S	S	S	S	H		
		HD											HD
3ACP + 1P + 24S + 2P													

NO CONTACT LOADED

.275 REF.



PART NUMBER	ROWS	POWER P1	POWER P2	POWER P3	SIGNAL 1	2	3	4	5	6	POWER P4	P5	P6	P7	P8
6450130-3	D	PM	PM	PM	J	J	J	J	E	J	PM	PM	PM	PM	PM
	C				K	K	F	K	K	K					
	B				N	N	N	N	N	G					
	A				S	S	H	S	S	S					
		HD													HD
3ACP + 24S + 5P															



PM	.135	MULTI-BEAM
PA	.090	MULTI-BEAM
CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		

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
SIGNAL CONTACT			

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 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

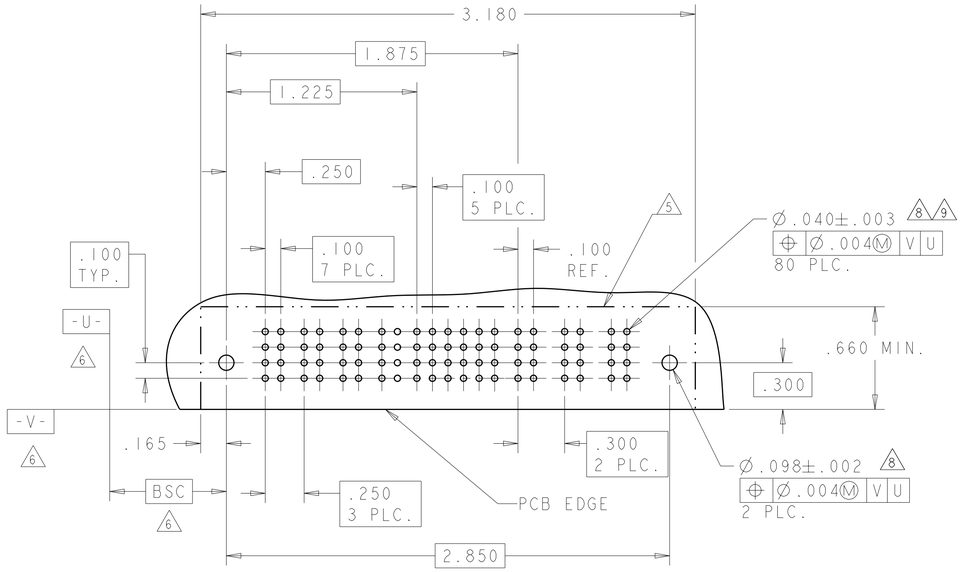
CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 20 | REV L1

LOC	DIST
ES	00

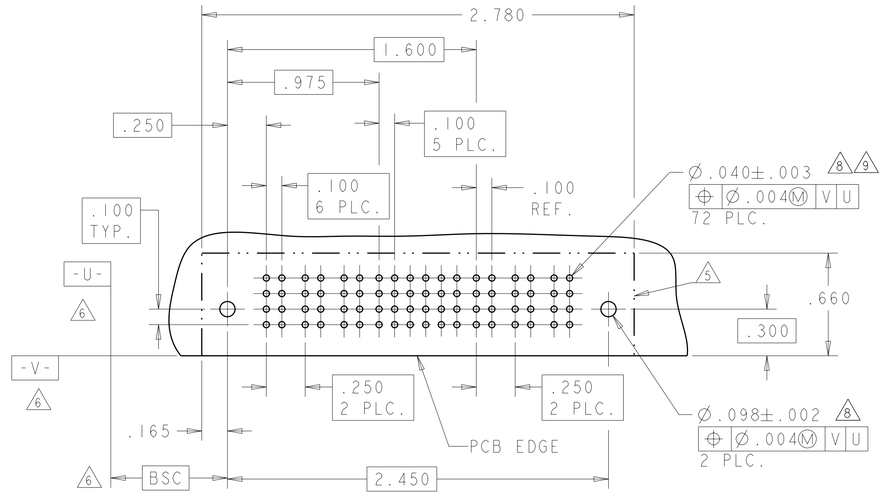
REVISIONS

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

PART NUMBER	ROWS	POWER P1	P2	P3	P4	SIGNAL 1	2	3	4	5	6	POWER P5	P6	P7
6450130-4	D C B A	PM	PM	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	J K N H	PM	PM	PM
4P + 24S + 3ACP		HD												HD

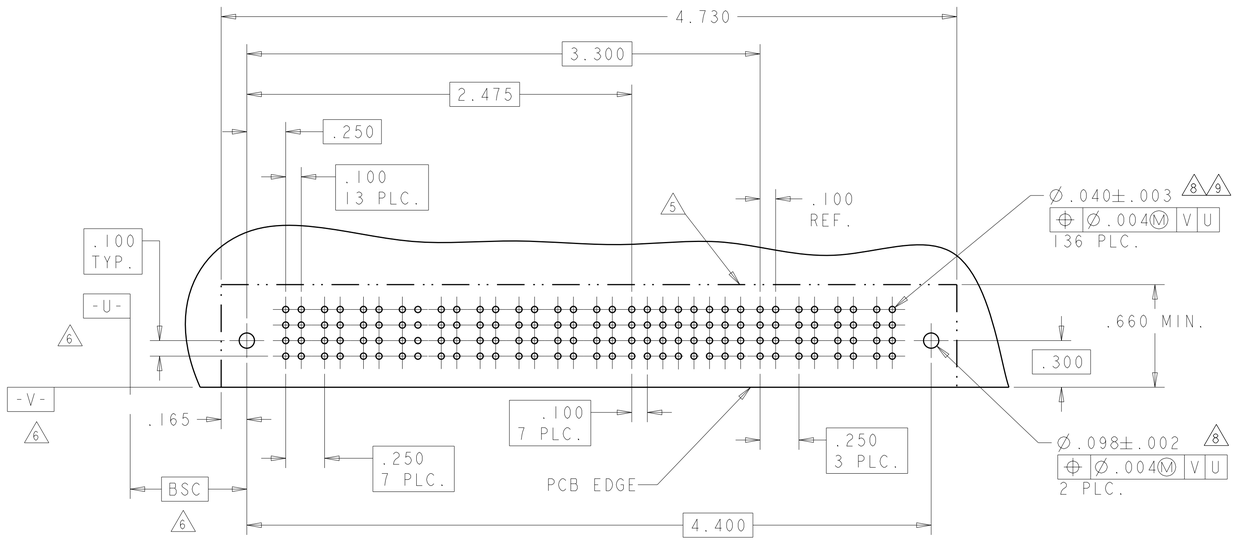


PART NUMBER	ROWS	POWER P1	P2	P3	SIGNAL 1	2	3	4	5	6	POWER P4	P5	P6
6450130-6	D C B A	PM	PM	PM	J K N S	J K N S	J K N G	J K N S	J K N S	J K N S	PM	PM	PM
3P + 24S + 3P		HD											HD

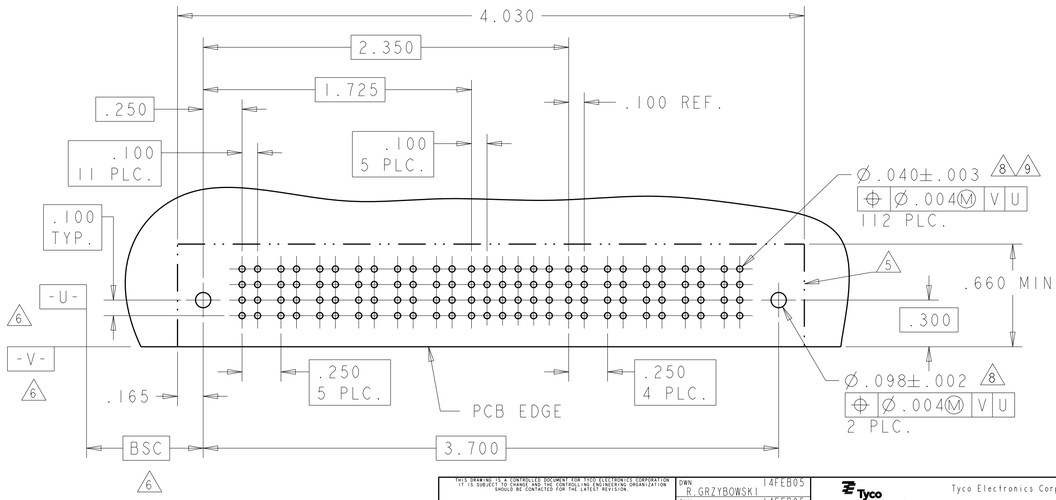


NO CONTACT LOADED

PART NUMBER	ROWS	POWER P1	P2	P3	P4	P5	P6	P7	P8	P9	SIGNAL 1	2	3	4	5	6	7	8	POWER P10	P11	P12	P13
6450130-5	D C B A	PM	PM		PM	PM	PM	PM	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	E K N S	E K N S	E K N S	PM	PM	PM	PM
9P + 32S + 4P		HD																				HD



PART NUMBER	ROWS	POWER P1	P2	P3	P4	P5	P6	SIGNAL 1	2	3	4	5	6	POWER P7	P8	P9	P10	P11
6450130-7	D C B A	PM	PM	PM	PM	PM	PM	J K N S	J K F S	J K N H	J K N S	E K N S	J K N G	PM	PM	PM	PM	PM
6P + 24S + 5P		HD																HD



DWN	14FEB05 R.GRZYBOWSKI
CHK	14FEB05 M.PERCHERKE
APVD	- M.PERCHERKE
PRODUCT SPEC	108-1973
APPLICATION SPEC	114-13038
WEIGHT	-

Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 4 OF 20 | REV L1

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

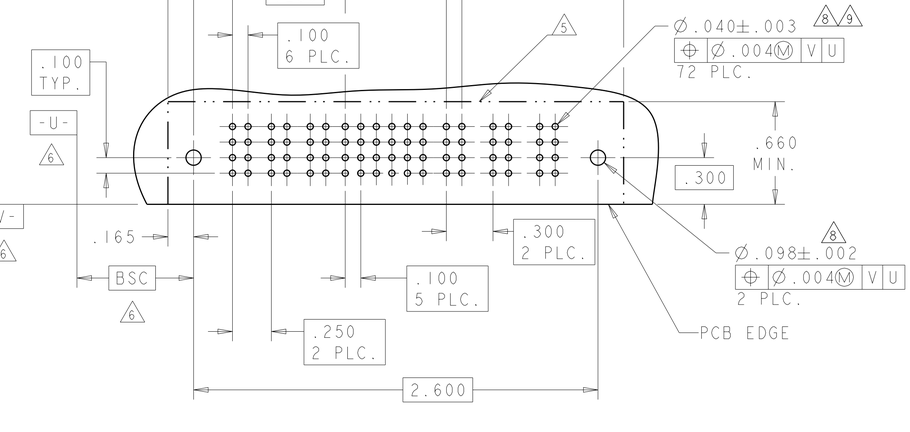
LOC	DIST
ES	00

REVISIONS

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

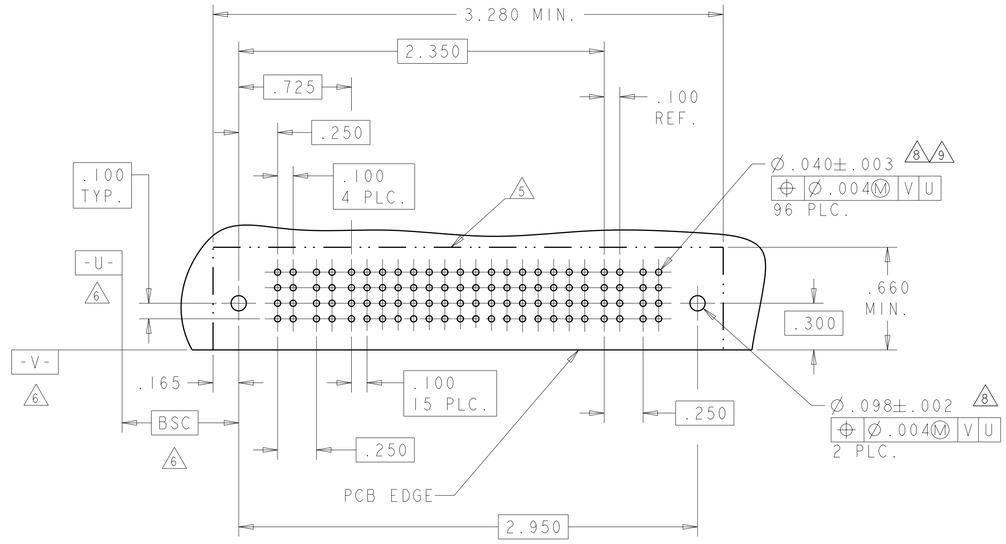
PART NUMBER	ROWS		POWER					SIGNAL						POWER		
			P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	
6450130-8	D C B A	HD	PM	PM	PM	PM		J	J	J	J	J	J	PM	PM	HD
								K	K	K	K	K	K			
								N	N	N	N	N	G			
								S	S	S	S	S	S			
5P + 24S + 2P																

.375

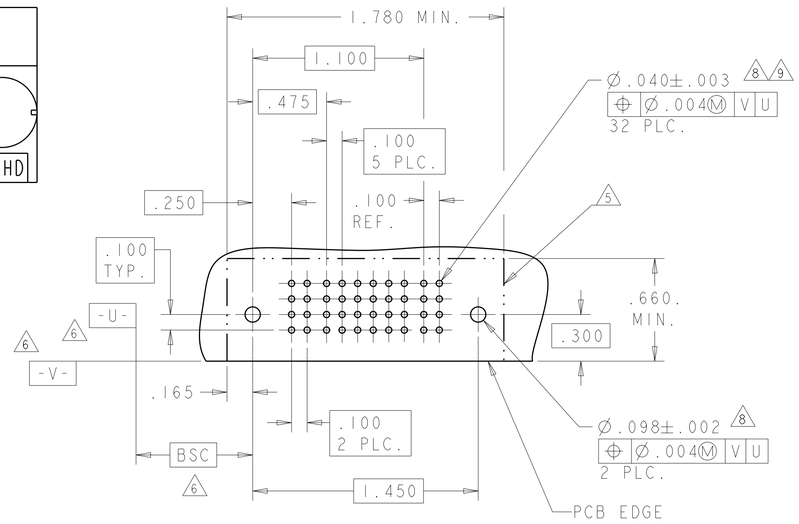


PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
6450130-9	D C B A	HD	PA	PA	PA	Z	A4	A4	A4	A4		PA	PA	PA	HD
						Y	A3	A3	A3	A3					
						R	A2	A2	A2	A2					
						O	A1	A1	A1	O					
3P + 24S + 3ACP															

PART NUMBER	ROWS		POWER	SIGNAL						POWER			
			P1	1	2	3	4	5	6	P2			
1-6450130-0	D C B A	HD	PA	A4	A4	A4	A4	A4	A4	PA	PA	PA	HD
				A3	A3	A3	A3	A3	A3				
				A2	A2	A2	A2	A2	A2				
				A1	A1	A1	A1	A1	A1				
2P + 64S + 2P													



PART NUMBER	ROWS		POWER	SIGNAL						POWER	
			P1	1	2	3	4	5	6	P2	
1-6450130-1	D C B A	HD	PA	A4	A4	A4	A4	A4	A4	PA	HD
				A3	A3	A3	A3	A3	A3		
				A2	A2	A2	A2	A2	A2		
				A1	A1	A1	A1	O	O		
1P + 24S + 1P											



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 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

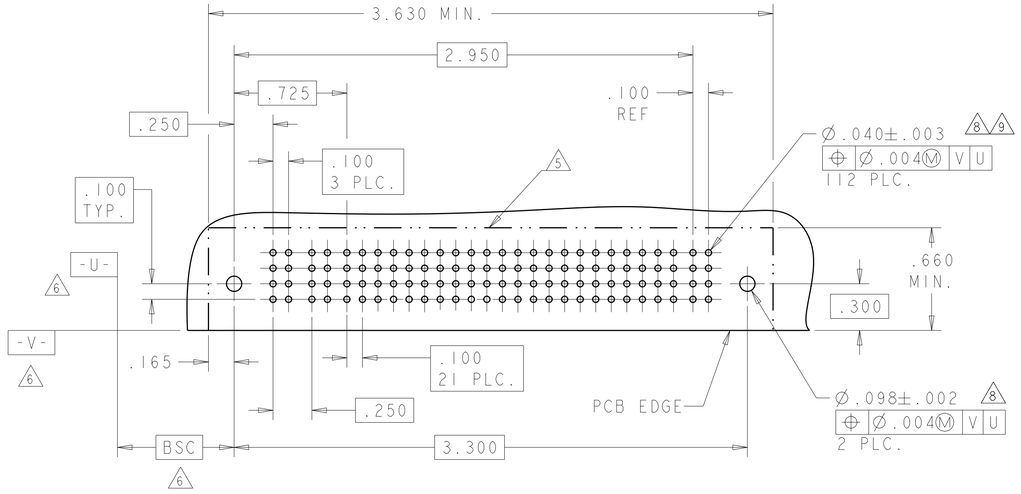
CUSTOMER DRAWING | SCALE 2:1 | SHEET 5 OF 20 | REV L1

LOC	DIST
ES	00

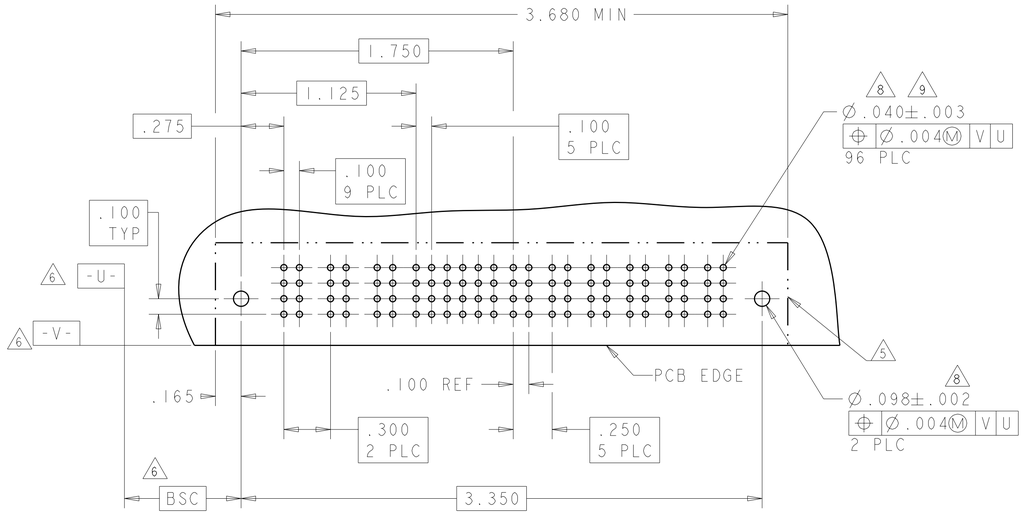
REVISIONS

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

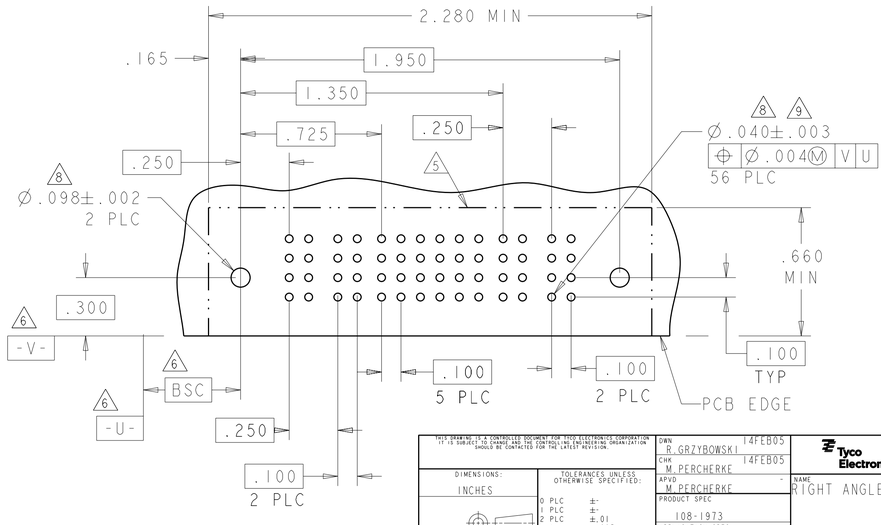
PART NUMBER	ROWS		POWER		SIGNAL																				POWER
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	P3
1-6450130-2	D C B A	HD	PA	PA	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	PA
					Y	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3
					A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2
					O	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	O	O
2P + 88S + 1P																											



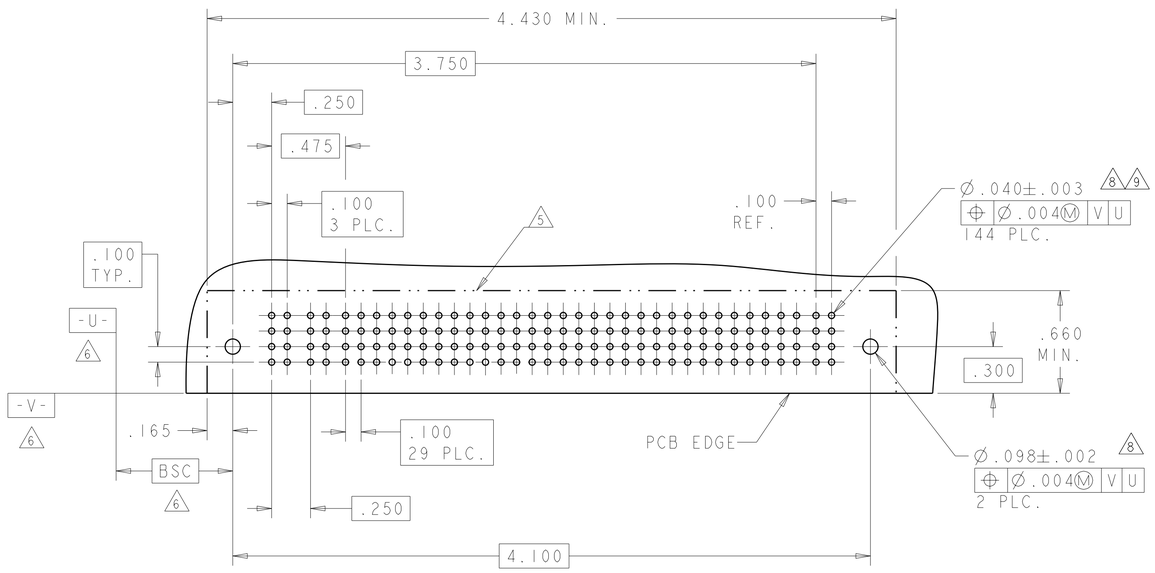
PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9
1-6450130-4	D C B A	HD	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM
						K	K	K	K	K	K						
						N	N	N	N	N	N						
						H	S	S	S	S	S						
3ACP + 24S + 6P																	



PART NUMBER	ROWS		POWER		SIGNAL						POWER	
			P1	P2	1	2	3	4	5	6	P3	P4
1-6450130-7	D C B A	HD	PM	PM	E	J	J	J	J	E	PM	PM
					K	K	K	K	K	K		
					N	N	N	N	N	N		
					S	S	S	S	S	S		
2P + 24S + 2P												



PART NUMBER	ROWS		POWER				SIGNAL																						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	P5	P6	P7	P8
1-6450130-3	D C B A	HD	PA	PA	PA	PA	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	A 4	PA	PA	PA	PA
							Y	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3				
							A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2	A 2				
							O	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	A 1	O	O				
2P + 120S + 1P																																



THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

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	14FEB05
CHK	M.PERCHERKE	14FEB05
APVD	M.PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 6 OF 20 | REV L1

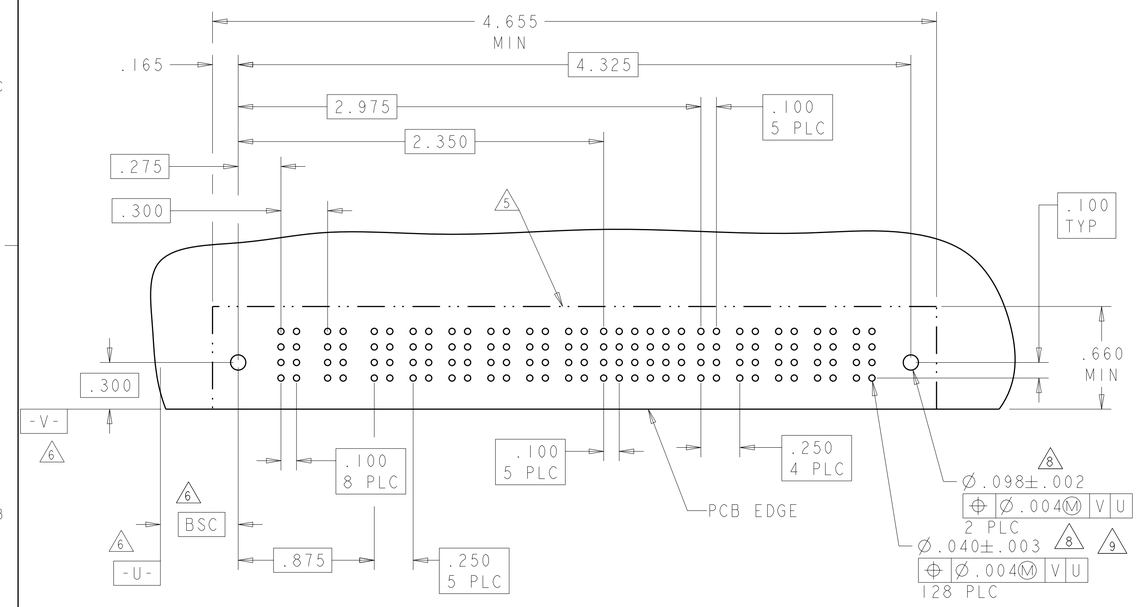
LOC	DIST
ES	00

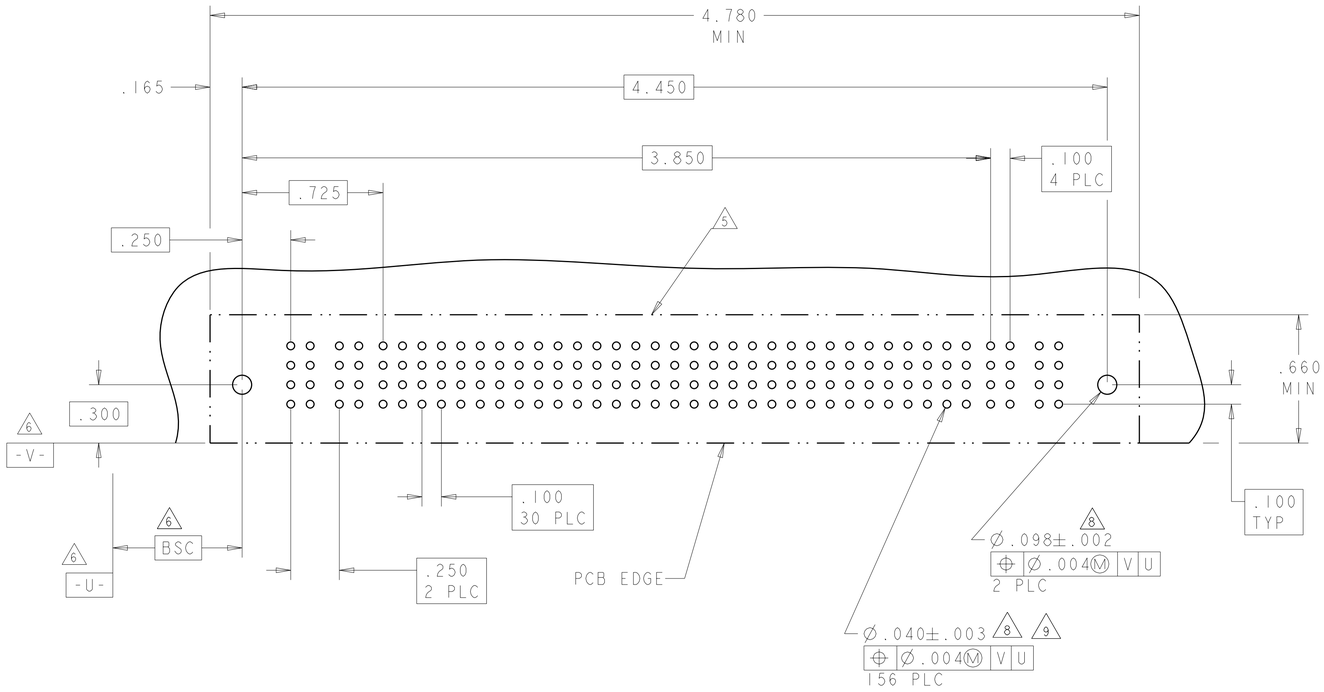
REVISIONS

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

PART NUMBER	ROWS		POWER								SIGNAL						POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12	P13
1-6450130-8	D C B A	HD	PM	PM	PM	PM	PM	PM	PM	PM	E K N H	J K N S	J F N S	J K G S	J K N S	E K N H	PM	PM	PM	PM	PM
2ACP + 6P + 24S + 5P																					

PART NUMBER	ROWS		POWER		SIGNAL																													POWER		
			P1	P2	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	29	30	31	P3	P4	
1-6450130-9	D C B A	HD	PA	PA	Z	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	Z	PA	PA	
					Y	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	Y		
					R	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	R	A2		
					A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1			
2P + 124S + 2P																																				





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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 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450130 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 2:1 | SHEET 7 OF 20 | REV L1

LOC	DIST
ES	00

REVISIONS

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

PART NUMBER	ROWS	POWER										SIGNAL						POWER											
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22
2-6450130-0	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J K N S	J K N H	J K N S	J K N S	J K N S	J K N S	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
10P + 24S + 12P		HD																											HD

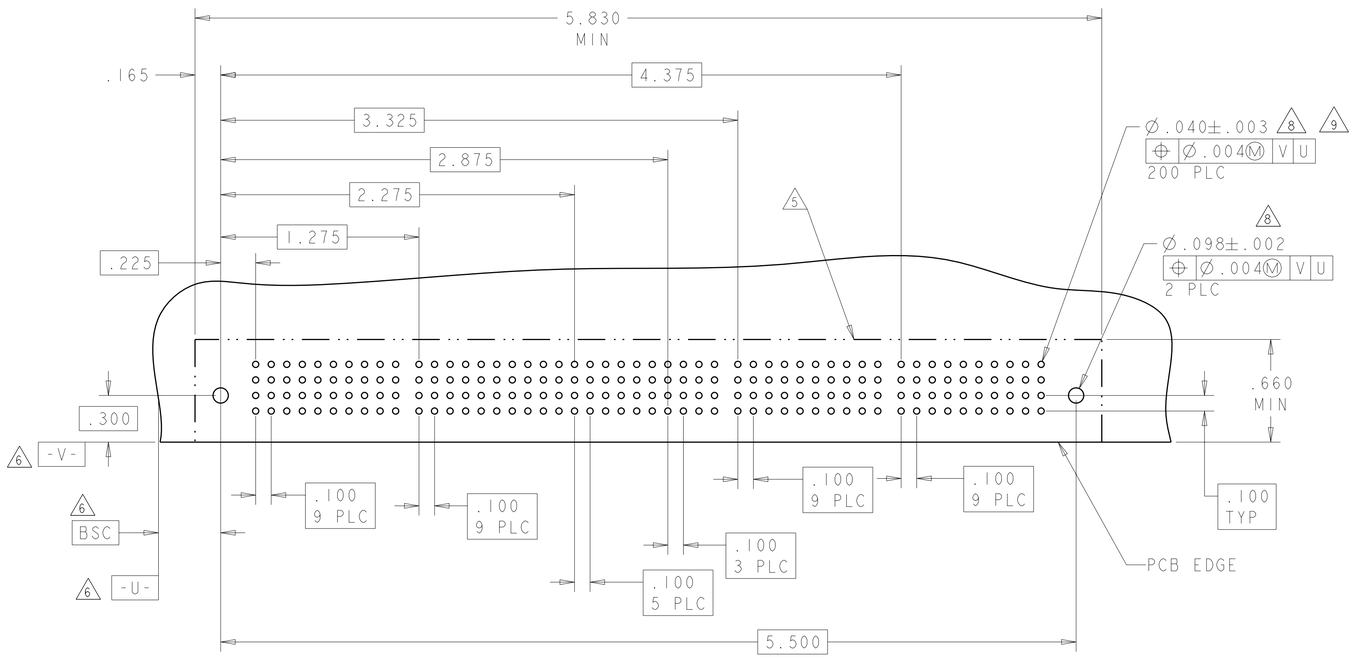
△11 .200 8 PLC

.250 △11

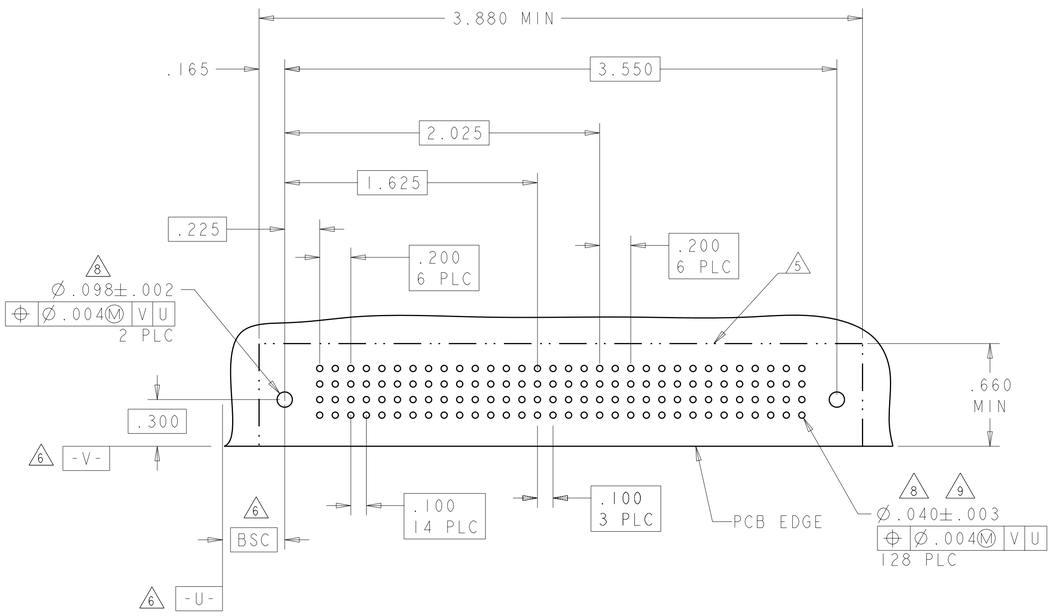
△11 .200 9 PLC

.250 △11

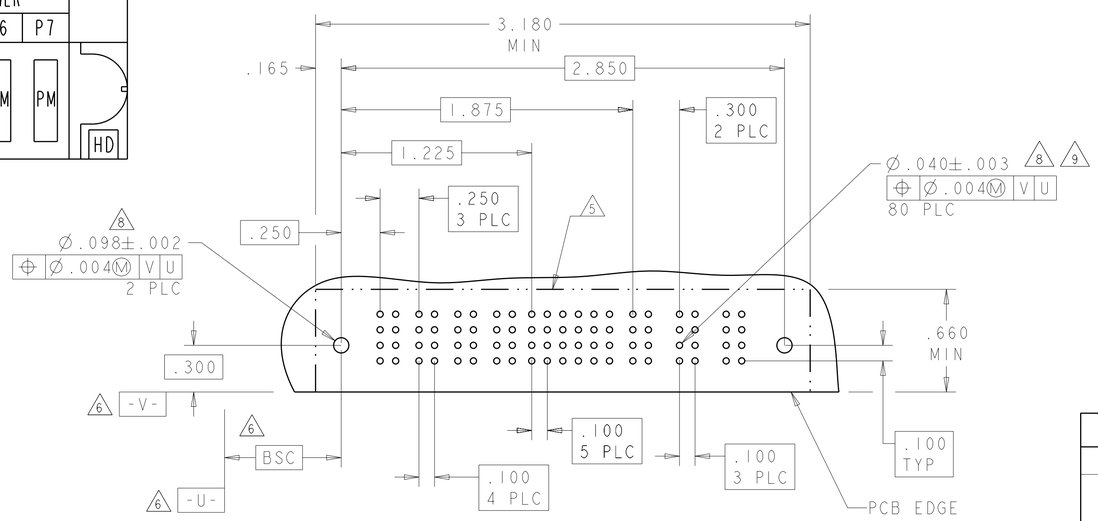
.250 △11



PART NUMBER	ROWS	POWER							SIGNAL				POWER							
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	P8	P9	P10	P11	P12	P13	P14	
2-6450130-1	D C B A	PM	PM	PM	PM	PM	PM	PM	E F G S	E F G S	E F G S	E F G H	PM	PM	PM	PM	PM	PM	PM	
7P + 16S + 7P		HD																		HD



PART NUMBER	ROWS	POWER				SIGNAL						POWER		
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7
2-6450130-2	D C B A	PM	PM	PM	PM	J K N S	J K N S	J K N G	J K N S	J K N S	J K N S	PM	PM	PM
4P + 24S + 3ACP		HD												HD



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

MATERIAL -
FINISH -

DWN	R GRZYBOWSKI	14FEB05
CHK	M PERCHERKE	14FEB05
APVD	M PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

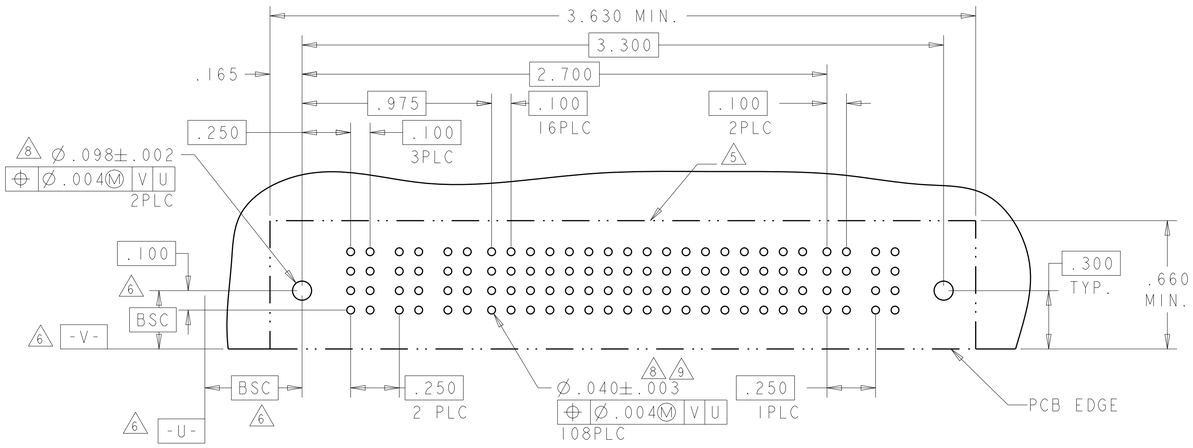
CUSTOMER DRAWING | SCALE 2:1 | SHEET 8 OF 20 | REV L1

LOC	DIST
ES	00

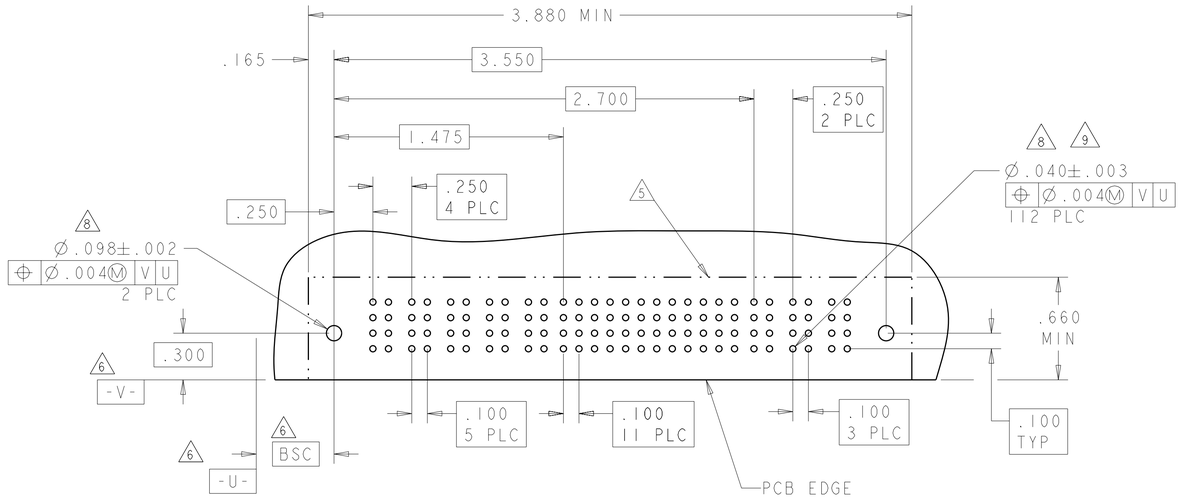
REVISIONS

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

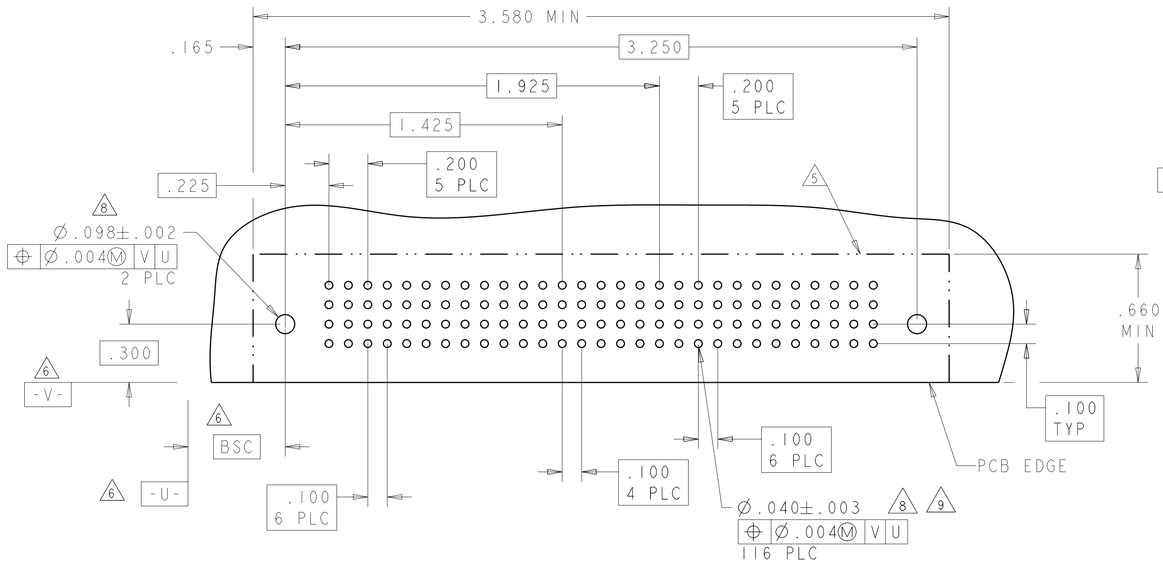
PART NUMBER	ROWS	POWER			SIGNAL																POWER	
		P1	P2	P3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	P4	P5
2-6450130-8	D	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM
	C				K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K		
	B				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
	A				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
3P + 68S + 2P		HD																				HD	



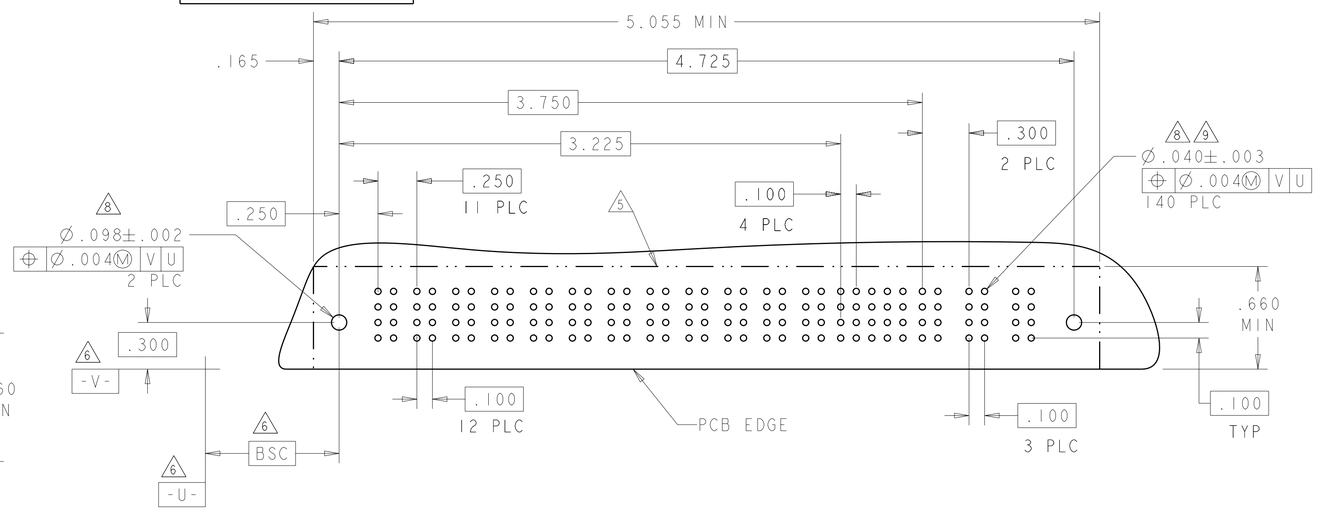
PART NUMBER	ROWS	POWER					SIGNAL											POWER		
		P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	P6	P7	P8
3-6450130-2	D	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM
	C						K	K	K	K	K	K	K	K	K	K	K			
	B						N	N	N	N	N	N	N	N	N	N	N			
	A						H	S	S	S	S	S	S	S	S	S	H			
5P + 48S + 3P		HD																HD		



PART NUMBER	ROWS	POWER						SIGNAL					POWER						
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	P7	P8	P9	P10	P11	P12	
2-6450130-3	D	PM	PM	PM	PM	PM	PM	E	J	J	J	J	PM	PM	PM	PM	PM	PM	
	C							F	K	K	K	K							
	B							G	N	N	N	N							
	A							H	S	S	S	H							
6P + 20S + 6P		HD																	HD



PART NUMBER	ROWS	POWER												SIGNAL					POWER			
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	P13	P14	P15	
3-6450130-6	D	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	E	J	J	J	PM	PM	PM	
	C													K	K	F	K	K				
	B													N	N	N	N	N				
	A													H	S	H	S	S				
12P + 20S + 3ACP		HD																				HD



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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 14FEB05 R.GRZYBOWSKI
CHK 14FEB05 M.PERCHERKE
APVD - M.PERCHERKE
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450130 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 2:1 | SHEET 9 OF 20 | REV L1

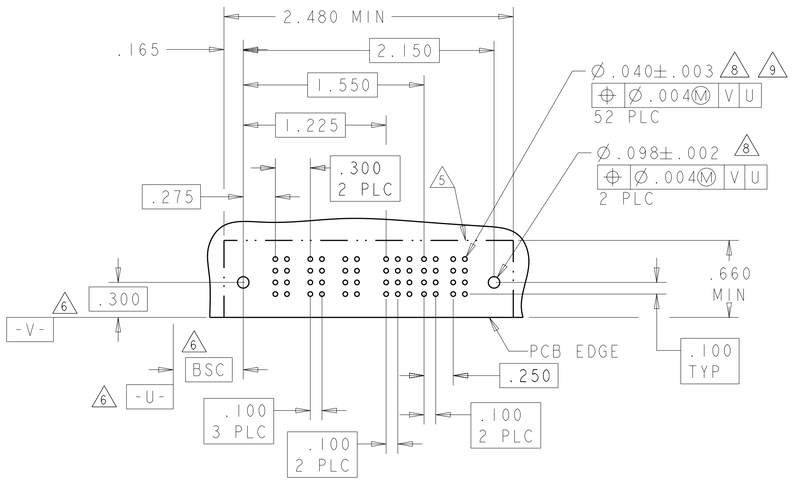
LOC	DIST
ES	00

REVISIONS

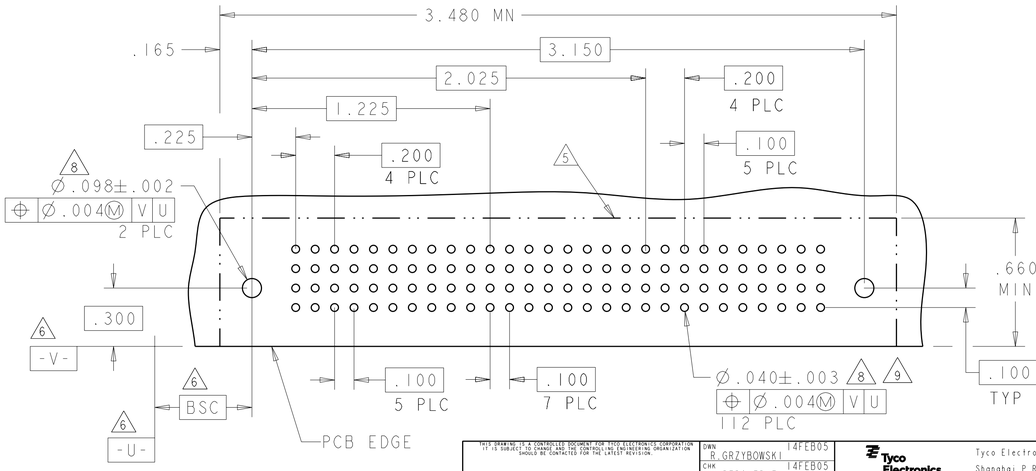
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER			SIGNAL				POWER		
			P1	P2	P3	1	2	3	4	P4	P5	
3-6450130-9	D C B A	HD	PM	PM	PM	J K N S	J K N N	J K N H		PM	PM	HD
3ACP + 16S + 2P												

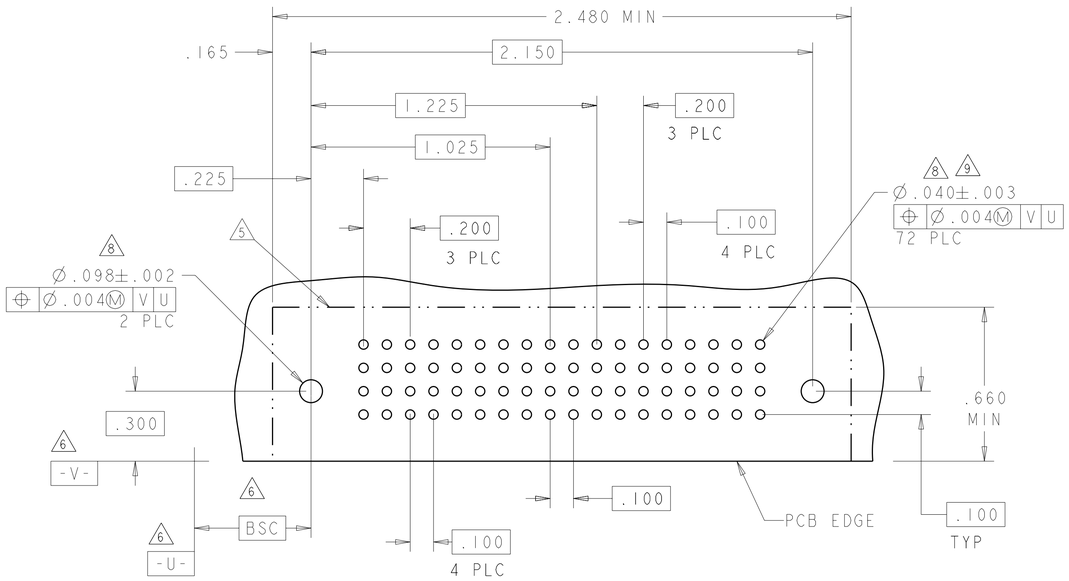
CONTACTS NOT LOADED



PART NUMBER	ROWS		POWER				SIGNAL								POWER					
			P1	P2	P3	P4	1	2	3	4	5	6	7	8	P5	P6	P7	P8	P9	P10
4-6450130-5	D C B A	HD	PM	PM	PM	PM	PM	J K N H	J K N H	J K N H	J K N H	J K N H	J K N H	J K N H	PM	PM	PM	PM	PM	HD
5P + 32S + 5P																				



PART NUMBER	ROWS		POWER				SIGNAL		POWER		
			P1	P2	P3	P4	1	2	P5	P6	P7	P8
4-6450130-0	D C B A	HD	PA	PA	PA	PA	Z Y R O	Z Y R O	PA	PA	PA	PA	HD
4P + 8S + 4P													



DWN	R.GRZYBOWSKI	14FEB05
CHK	M.PERCHERKE	14FEB05
APVD	M.PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

DIMENSIONS: INCHES

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ANGLES ±2°

MATERIAL -
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NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING

SCALE	SHEET	OF	REV
2:1	10	20	L1

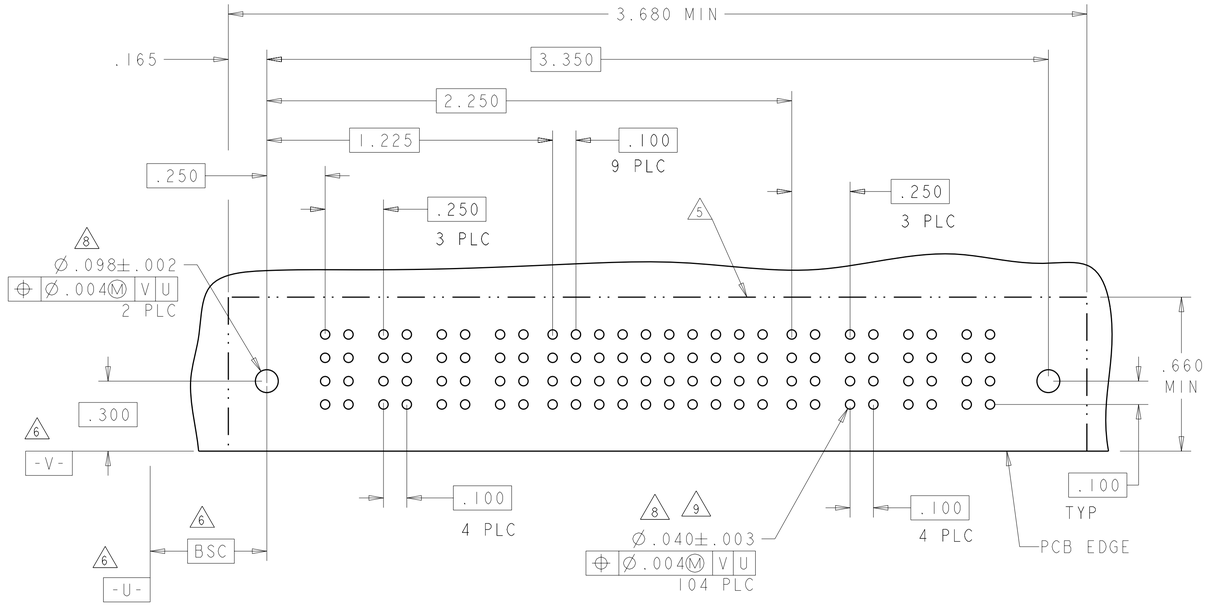
LOC	DIST
ES	00

REVISIONS

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

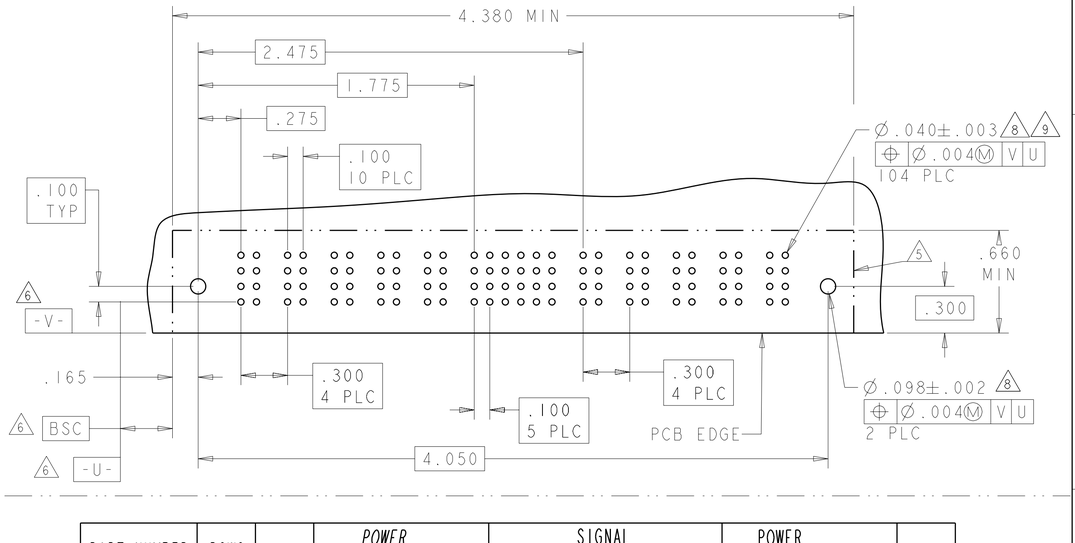
PART NUMBER	ROWS	POWER				SIGNAL										POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	P5	P6	P7	P8
4-6450130-8	D C B A	PM	PM	PM	PM	J K N H	J K S S	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	J K N H	PM	PM	PM	PM

4P + 40S + 4P



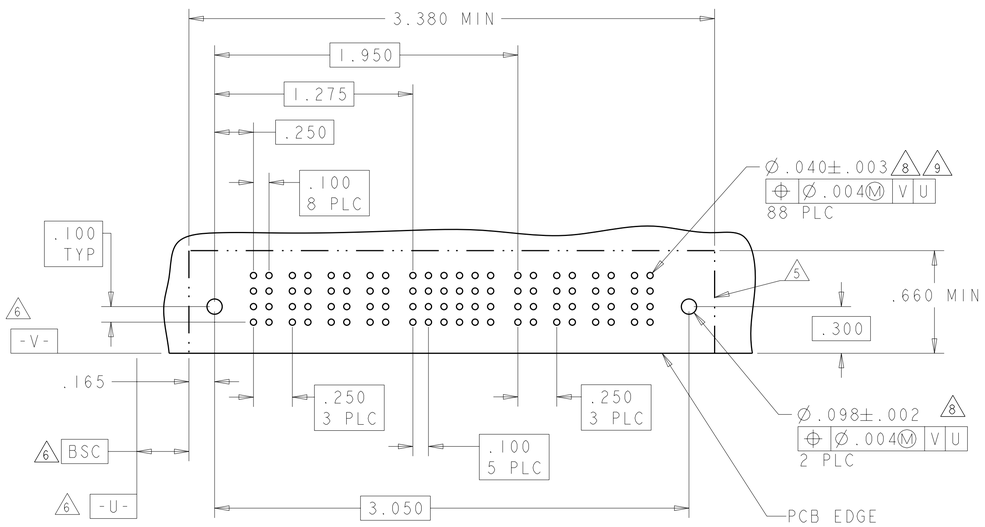
PART NUMBER	ROWS	POWER					SIGNAL						POWER				
		P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	P8	P9	P10
5-6450130-0	D C B A	PM	PM	PM	PM	PM	J K N H	J K N H	J K N H	J K N H	J K N H	J K N H	PM	PM	PM	PM	PM

5ACP + 24S + 5ACP



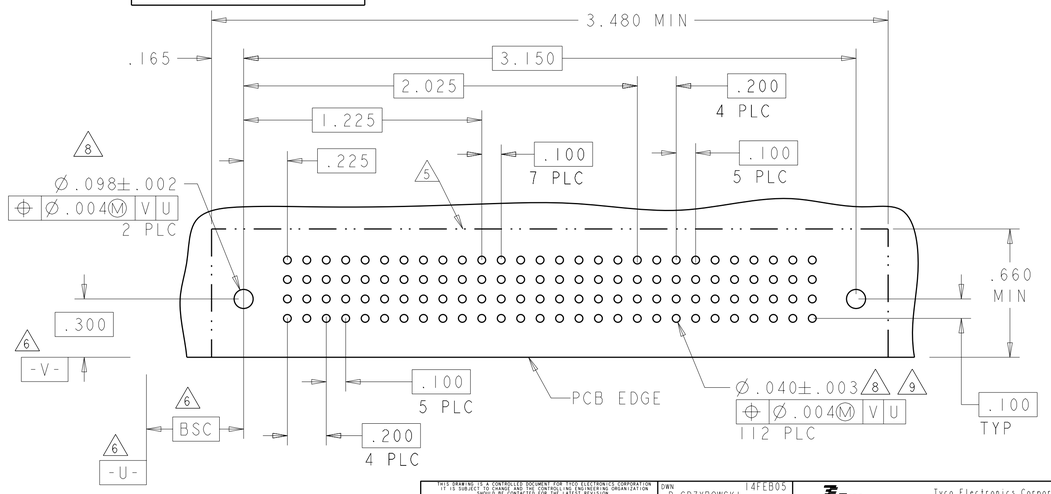
PART NUMBER	ROWS	POWER				SIGNAL						POWER				
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	
4-6450130-9	D C B A	PM	PM	PM	PM	J K N H	J K N H	J K N H	J K N H	J K N H	J K N H	PM	PM	PM	PM	

4P + 24S + 4P



PART NUMBER	ROWS	POWER					SIGNAL								POWER				
		P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	P6	P7	P8	P9	P10
5-6450130-5	D C B A	PM	PM	PM	PM	PM	J K N H	J K N H	J K N H	J K N H	J K N H	J K N H	J K N H	J K N H	PM	PM	PM	PM	PM

5P + 32S + 5P



DIMENSIONS: INCHES

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

MATERIAL -
FINISH -

DWN	R.GRZYBOWSKI	14FEB05
CHK	M.PERCHERKE	14FEB05
APVD	M.PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

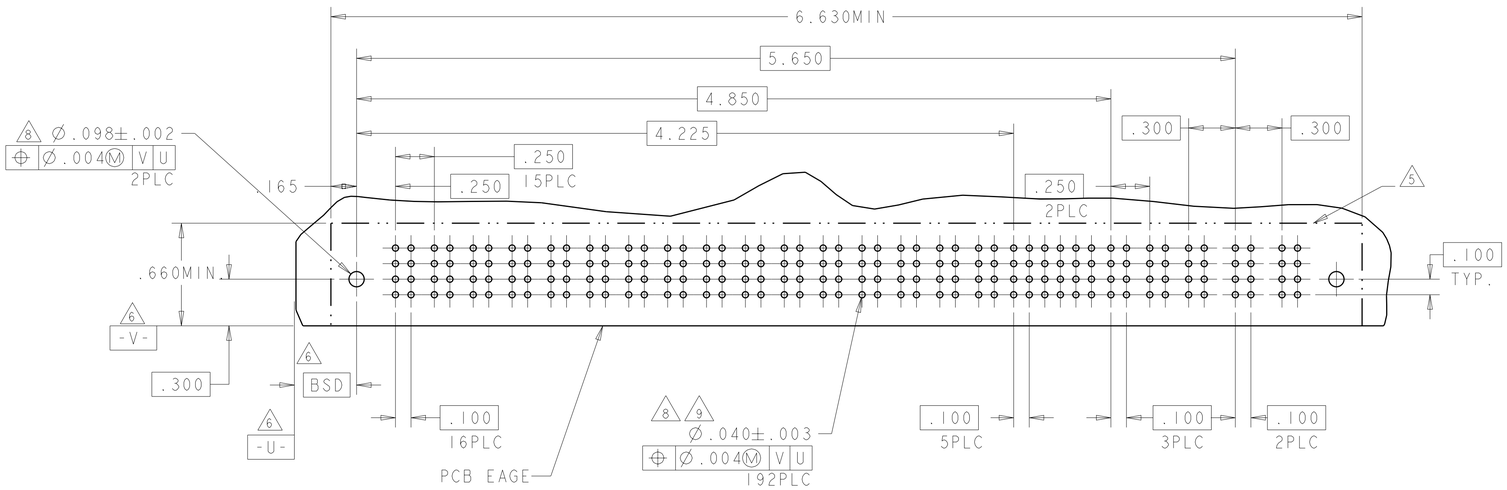
CUSTOMER DRAWING | SCALE 2:1 | SHEET 11 OF 20 | REV L1

LOC	DIST
ES	00

REVISIONS

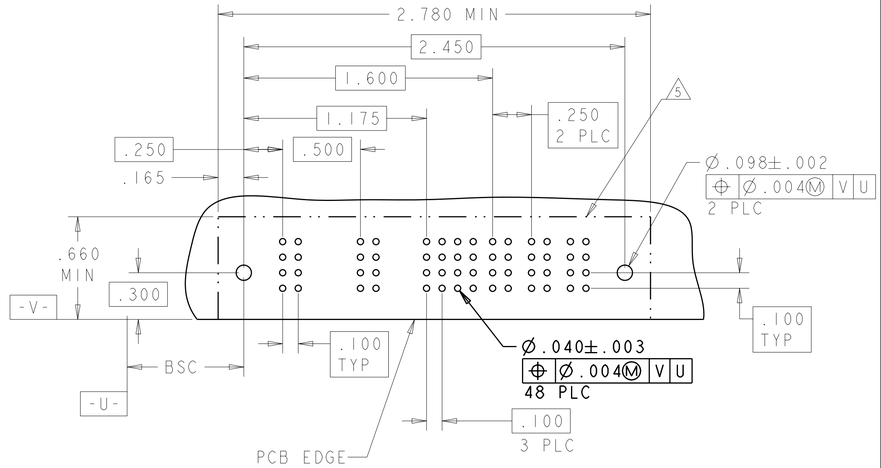
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER																SIGNAL						POWER				
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	1	2	3	4	5	6	P17	P18	P19	P20	P21
7-6450130-4	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E K N S	J K N S	J K N S	J K N S	J K N S	J K N H	PM	PM	PM	PM	PM
16P + 24S + 2P+ 3ACP		HD																										HD

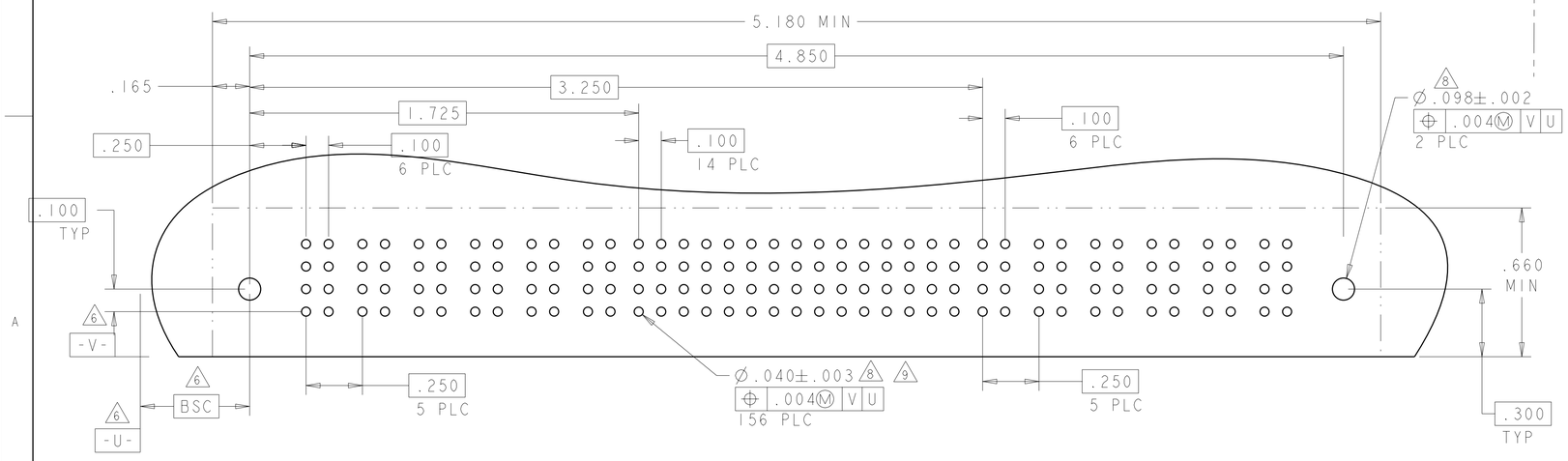


PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
7-6450130-5	D C B A	PM		PM			J K N S	J K N S	J K N S	J K N S	PM	PM	PM
3P + 24S + 3P		HD											HD

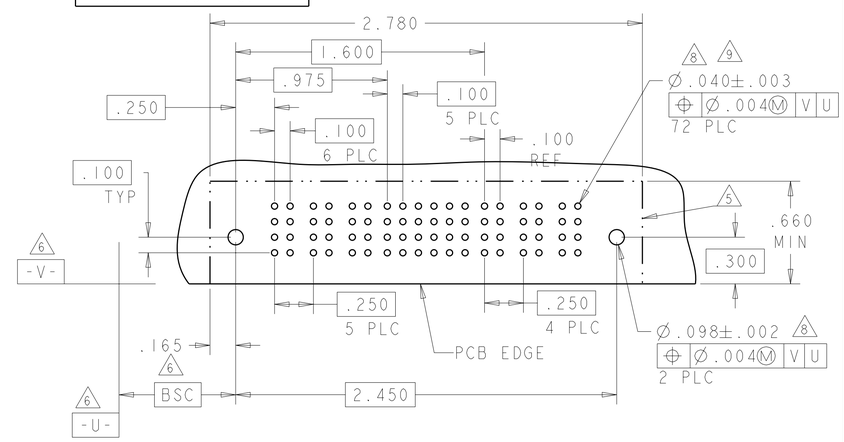
NO CONTACTS LOADED



PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
7-6450130-7	D C B A	PM	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	PM	PM	PM
6P + 60S + 6P		HD											HD



PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
7-6450130-8	D C B A	PM	PM	PM	J K N H	J K N S	J K N S	J K N S	J K N S	E K N S	PM	PM	PM
3P + 24S + 3P		HD											HD



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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	14FEB05
CHK	M.PERCHERKE	14FEB05
APVD	M.PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING

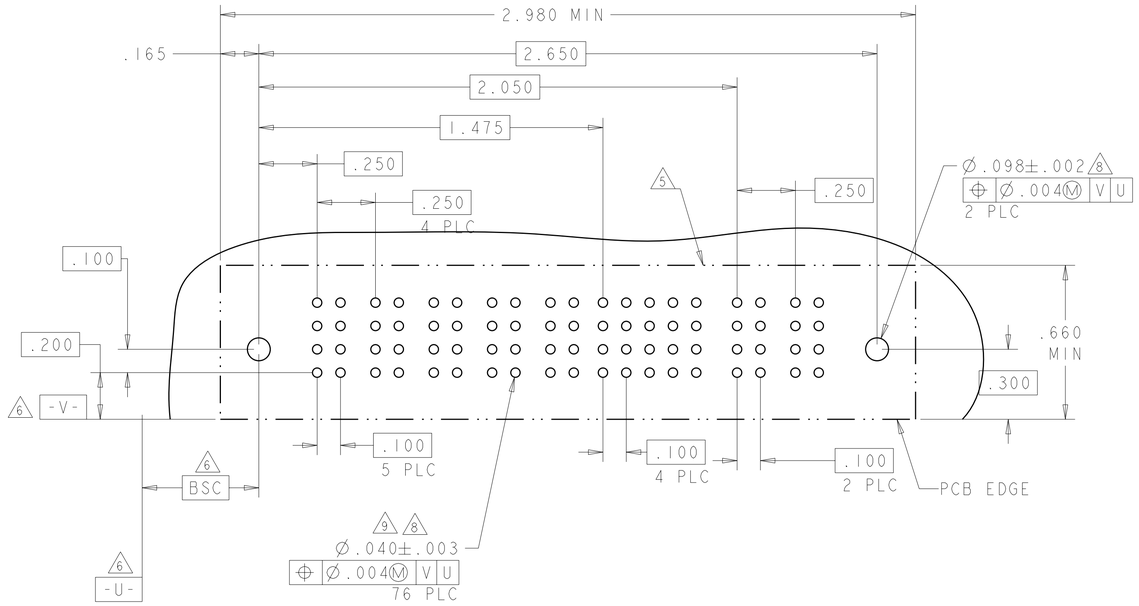
SCALE	SHEET	OF	REV
2:1	12	20	L1

LOC	DIST
ES	00

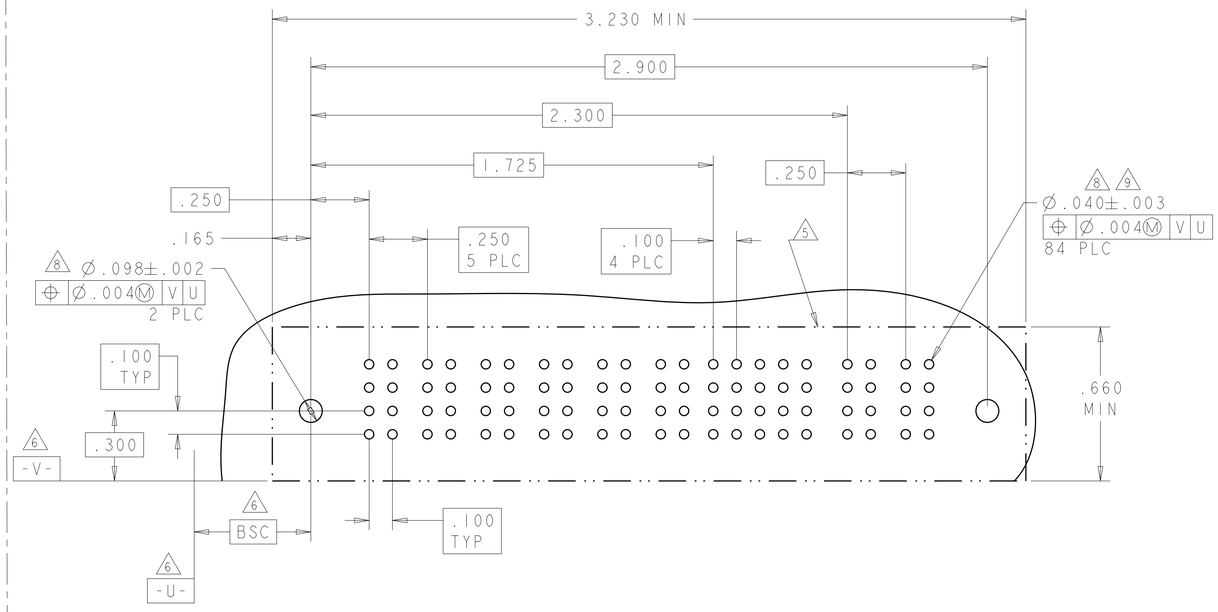
REVISIONS

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

PART NUMBER	ROWS		POWER					SIGNAL					POWER	
			P1	P2	P3	P4	P5	1	2	3	4	5	P6	P7
7-6450130-9	D C B A	HD	PM	PM	PM	PM	PM	J K N S	J K G S	J K N S	J K N S	J K N S	PM	PM
5P + 20S + 2P														HD

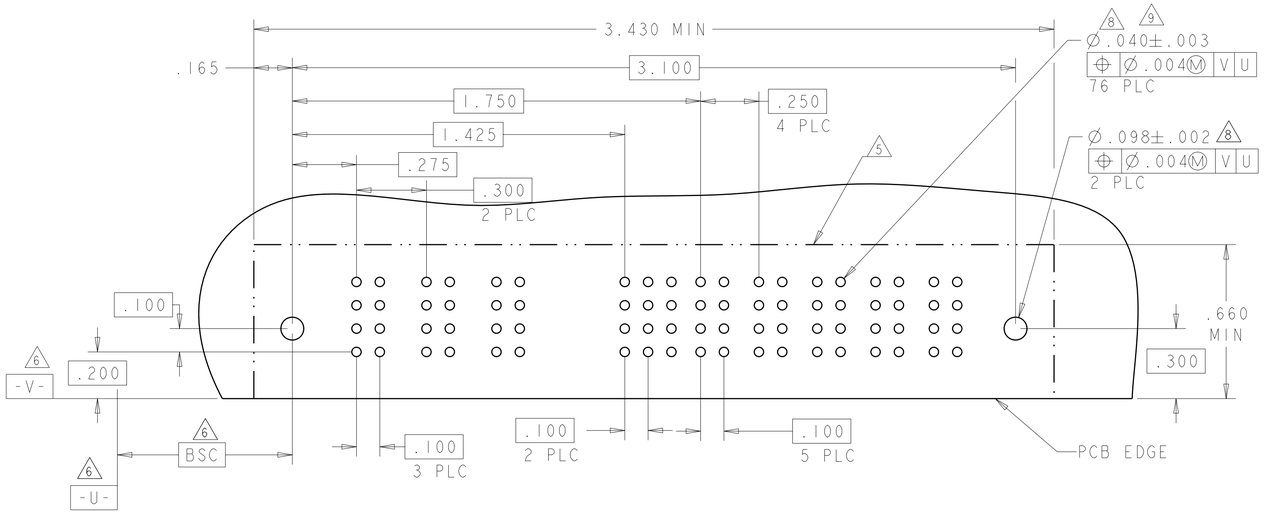


PART NUMBER	ROWS		POWER						SIGNAL					POWER	
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	P7	P8
8-6450130-0	D C B A	HD	PM	PM	PM	PM	PM	PM	J K N S	J K G S	J K N S	J K N S	J K N S	PM	PM
6P + 20S + 2P															HD

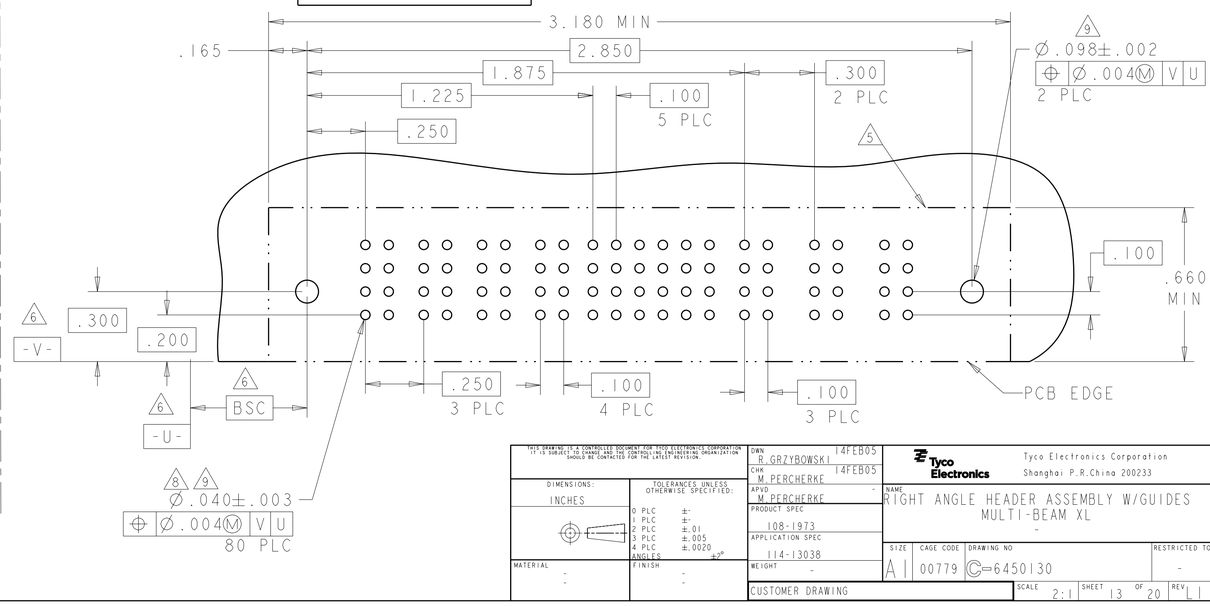


PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8
7-6450130-6	D C B A	HD	PM	PM	PM				J K N S	J K N S	J K N S	PM	PM	PM	PM	PM
3ACP + 24S + 5P																HD

NO CONTACTS LOADER



PART NUMBER	ROWS		POWER				SIGNAL						POWER			
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
8-6450130-2	D C B A	HD	PM	PM	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	J K N H	PM	PM	PM	HD
4P + 24S + 3ACP																



DIMENSIONS: INCHES

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

MATERIAL - -
FINISH - -

DWN	14FEB05
	R.GRZYBOWSKI
CHK	14FEB05
	M.PERCHERKE
APVD	-
	M.PERCHERKE
PRODUCT SPEC	
	108-1973
APPLICATION SPEC	
	114-13038
WEIGHT	-

Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING

SCALE	SHEET	OF	REV
2:1	13	20	L1

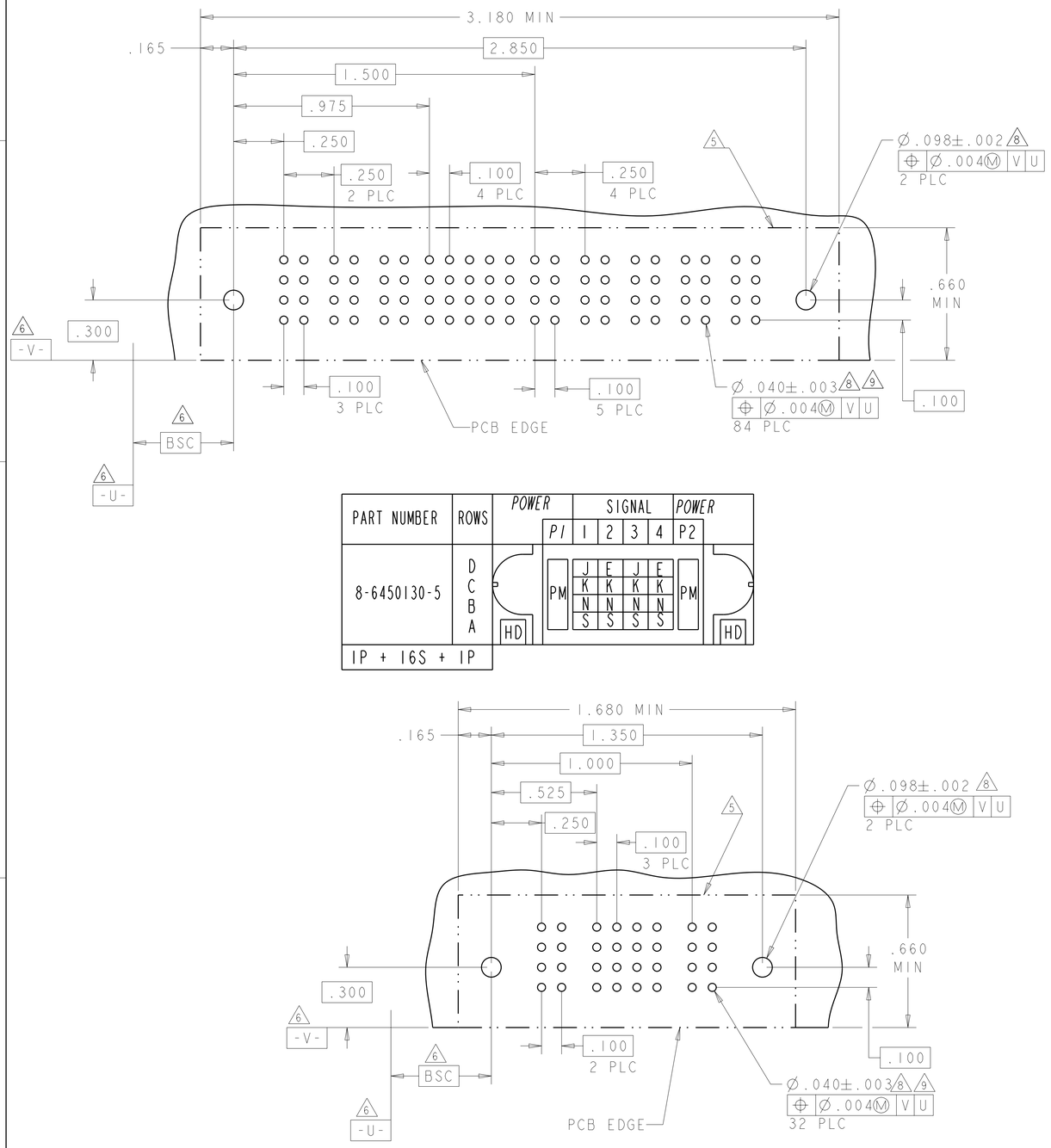
LOC	DIST
ES	00

REVISIONS

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

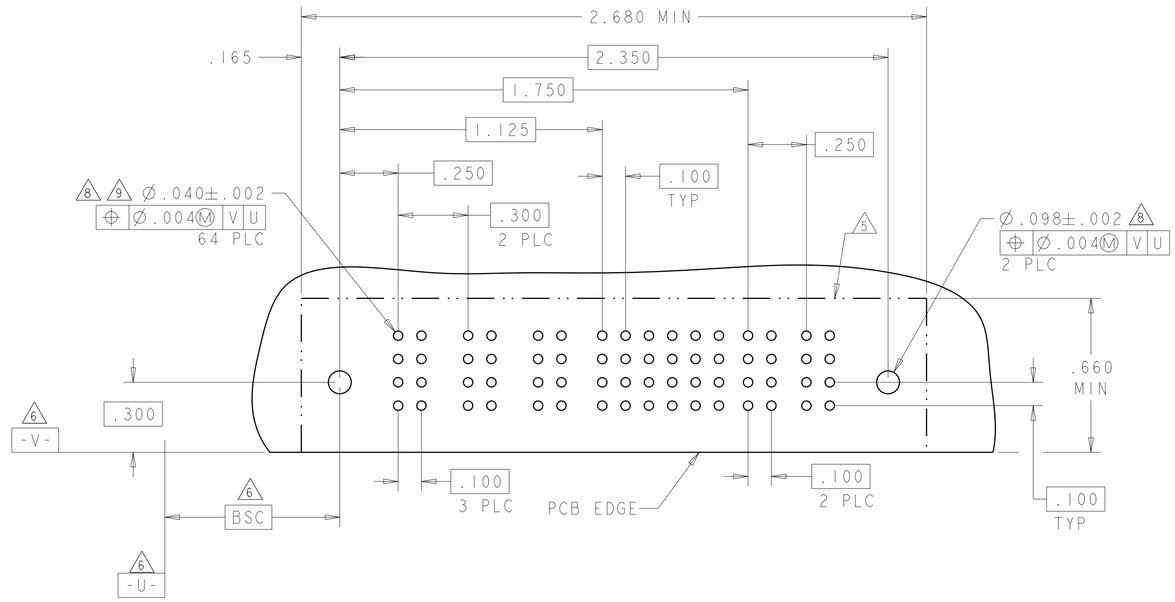
PART NUMBER	ROWS	POWER			SIGNAL					POWER				
		P1	P2	P3	1	2	3	4	5	P4	P5	P6	P7	P8
8-6450130-4	D C B A	PM		PM	J K N S	J K N S	J K N S		J K N H	PM	PM		PM	PM
3P + 20S + 5P		HD												HD

NO CONTACTS LOADED



PART NUMBER	ROWS	POWER	SIGNAL				POWER	
		P1	1	2	3	4	P2	
8-6450130-5	D C B A	PM	J K N S	E K N S	J K N S	E K N S	PM	
1P + 16S + 1P		HD						HD

PART NUMBER	ROWS	POWER			SIGNAL						POWER	
		P1	P2	P3	1	2	3	4	5	6	P4	P5
5-6450130-1	D C B A	PM	PM	PM	J K N S	J K N S	E K G S	J K N S	J K N S	J K N S	PM	PM
3ACP + 24S + 2P		HD										HD



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 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING

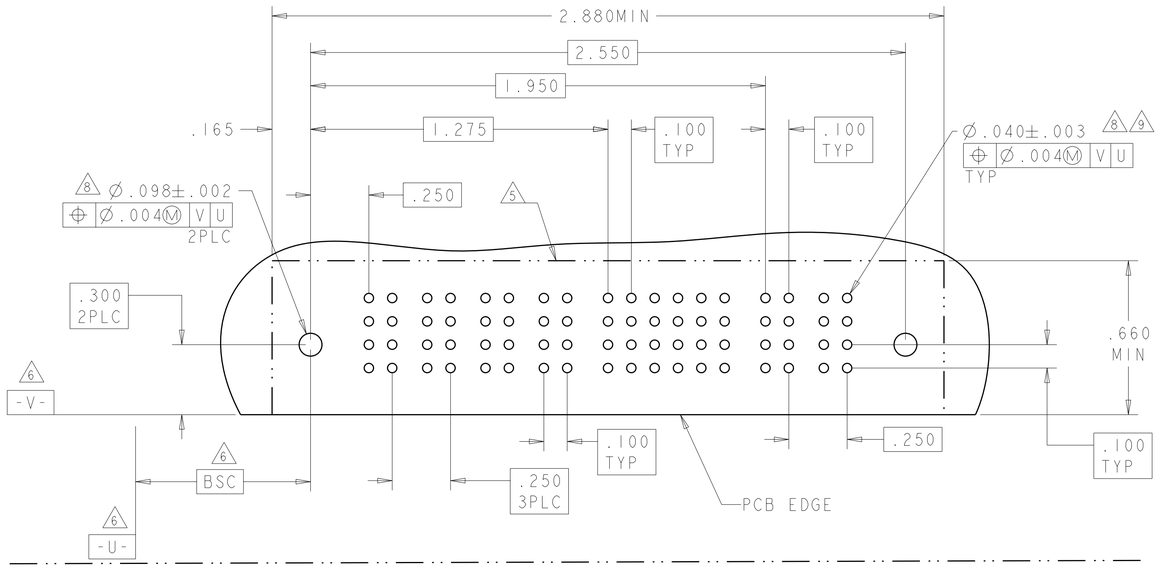
SCALE	SHEET	OF	REV
2:1	14	20	L1

LOC	DIST
ES	00

REVISIONS

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

PART NUMBER	ROWS	POWER P1	POWER P2	POWER P3	POWER P4	SIGNAL 1	2	3	4	5	6	POWER P5	POWER P6
5-6450130-8	D	PM	PM	PM	PM	J	J	J	E	J	J	PM	PM
	C					K	K	K	K	K	K		
	B					N	N	N	N	N	N		
	A					S	S	S	S	S	S		
4P + 24S + 2P		HD											HD



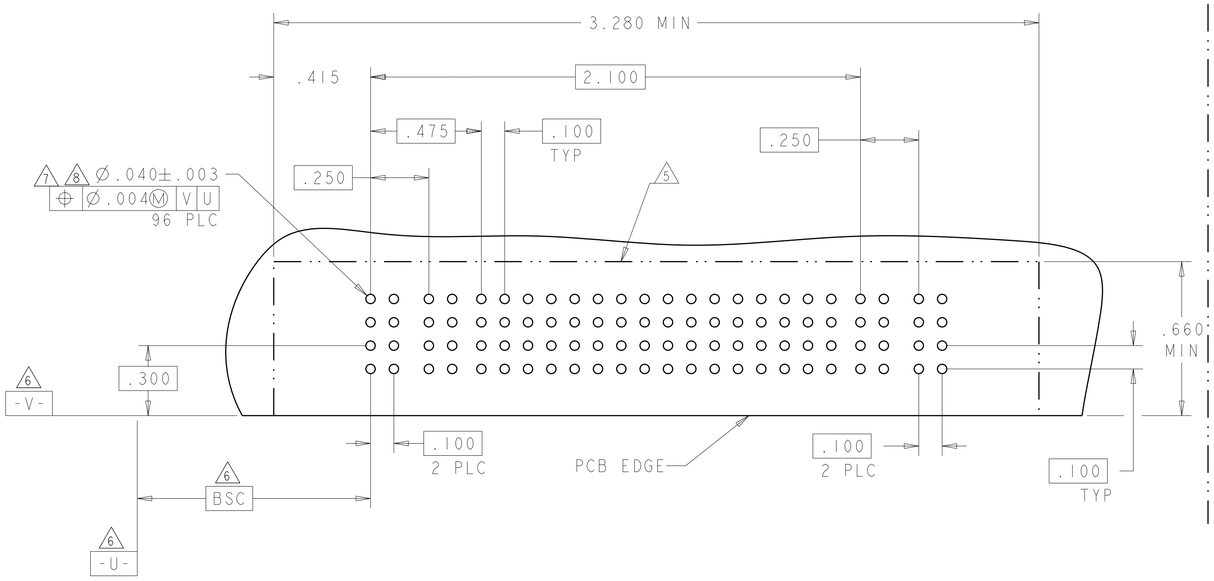
PART NUMBER	ROWS	POWER P1	POWER P2	POWER P3	SIGNAL 1	2	3	4	5	6	POWER P4	POWER P5	POWER P6
8-6450130-6	D	PM		PM			J	J	J		PM	PM	PM
	C						K	K	K				
	B						N	N	N				
	A						S	S	S				
3P + 24S + 3P		HD											HD

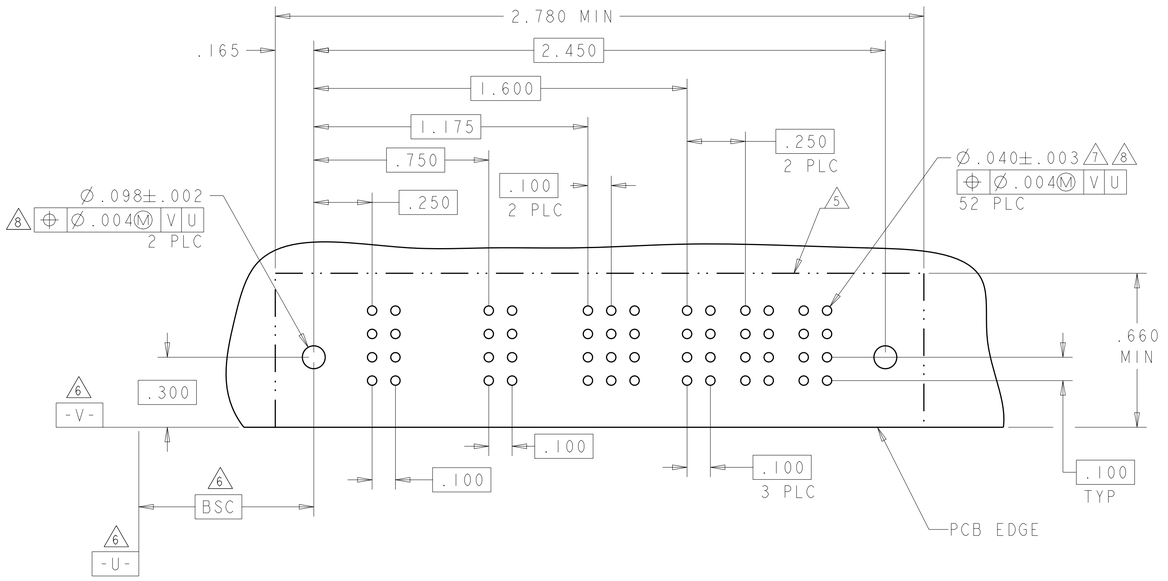
NO CONTACTS LOADED

PART NUMBER	ROWS	POWER P1	POWER P2	POWER P3	SIGNAL 1	2	3	4	5	6	POWER P4	POWER P5	POWER P6
9-6450130-0	D	PM		PM			E	E	E		PM	PM	PM
	C						F	F	F				
	B						G	G	G				
	A						H	H	H				
3P + 24S + 3P		HD											HD

NO CONTACT LOADED

PART NUMBER	ROWS	POWER P1	POWER P2	SIGNAL 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	POWER P3	POWER P4
8-6450130-7	D	PA	PA	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	A4	PA	PA
	C			A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3		
	B			A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2	A2		
	A			A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	O	O		
2P + 64S + 2P																					





8-6450130-6 AND 9-6450130-0 HAVE THE SAME 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 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL -

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

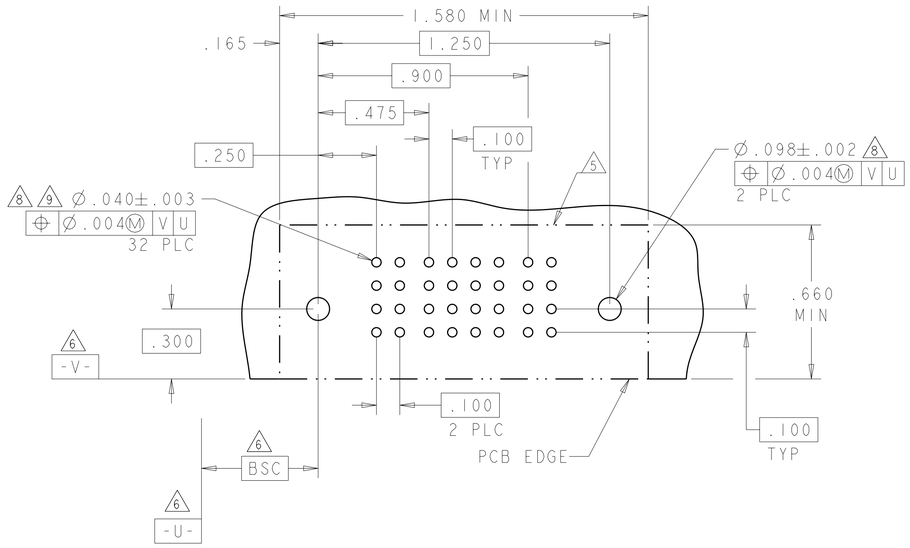
CUSTOMER DRAWING SCALE 2:1 SHEET 15 OF 20 REV L1

LOC	DIST
ES	00

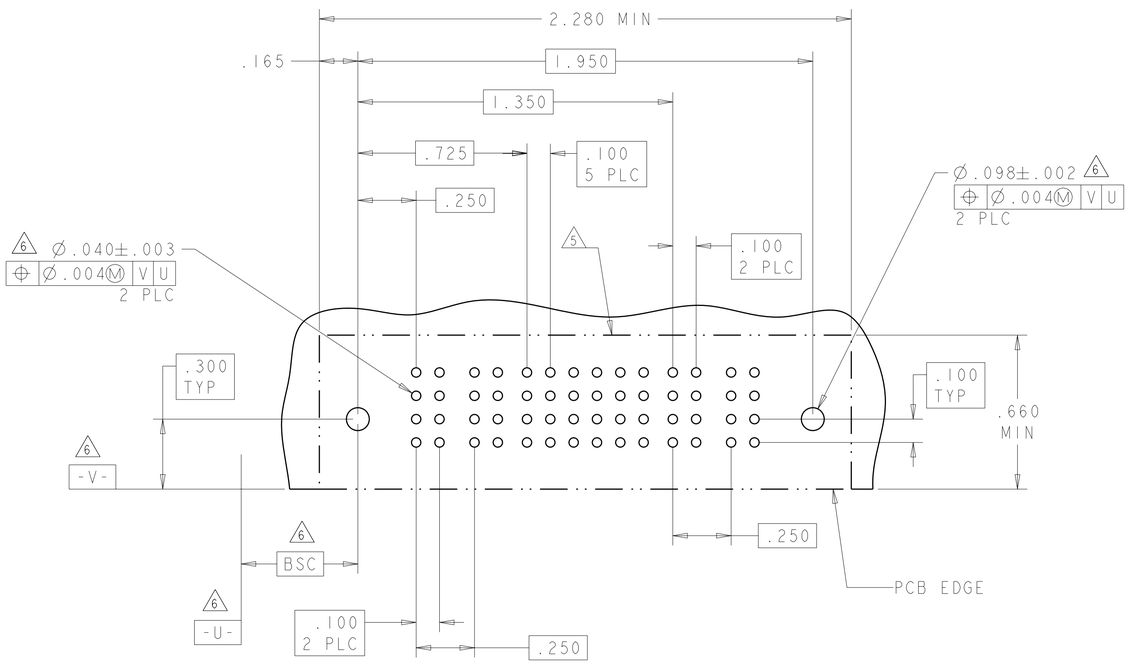
REVISIONS

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

PART NUMBER	ROWS	POWER	SIGNAL				POWER
		P1	1	2	3	4	P2
8-6450130-9	D C B A	PM	J K N S	J K N S	J F G S	J K N S	PM
1P + 16S + 1P		HD					HD



PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
2-6450130-9	D C B A	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	J F N S	PM	PM
2P + 24S + 2P		HD									HD



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

MATERIAL - -
FINISH - -

DWN R.GRZYBOWSKI 14FEB05
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PRODUCT SPEC 108-1973
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WEIGHT -

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NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 16 OF 20 | REV L1

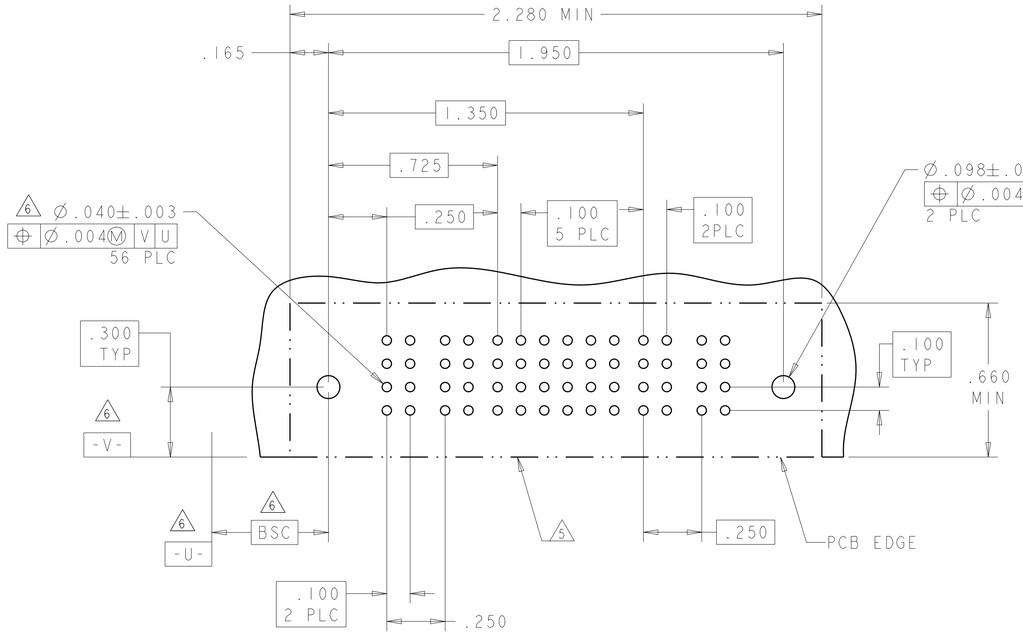
LOC	DIST
ES	00

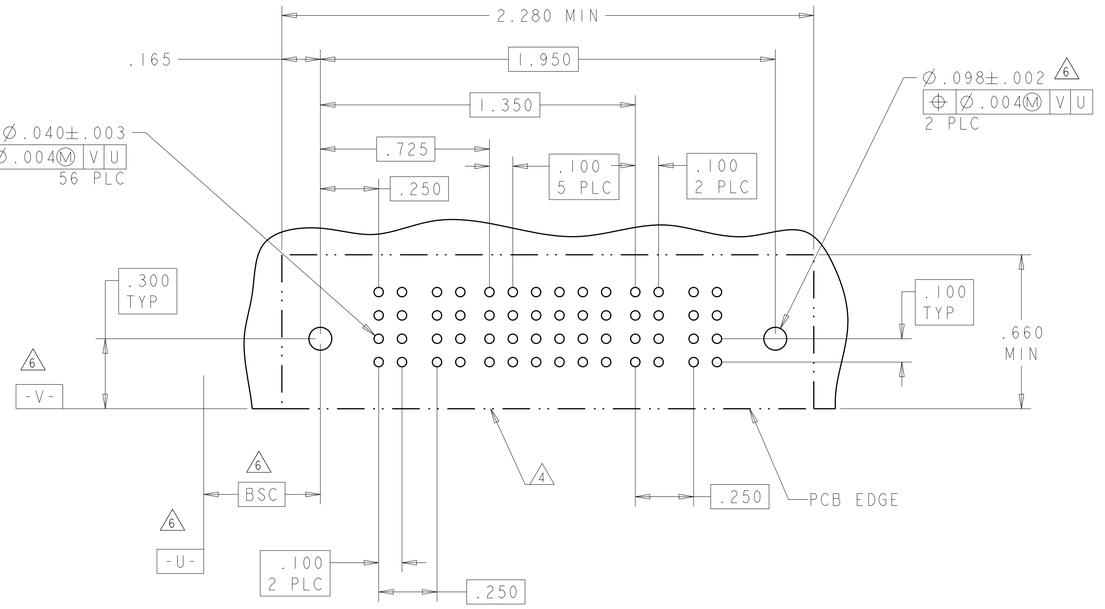
REVISIONS

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

PART NUMBER	ROWS		POWER		SIGNAL						POWER	
			P1	P2	1	2	3	4	5	6	P3	P4
4-6450130-2	D C B A	HD	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	E K N S	PM	PM
2P + 24S + 2P												

PART NUMBER	ROWS		POWER		SIGNAL						POWER	
			P1	P2	1	2	3	4	5	6	P3	P4
6-6450130-7	D C B A	HD	PM	PM	J K N S	J K N S	J K N S	J K N G	J K N S	J K N S	PM	PM
2P + 24S + 2P												





PART NUMBER	ROWS		POWER		SIGNAL						POWER	
			P1	P2	1	2	3	4	5	6	P3	P4
8-6450130-8	D C B A	HD	PM	PM	E F G H	E F G H	E F G H	E F G H	E F G H	E F G S	PM	PM
2P + 24S + 2P												

LAYOUT OF PART 8-6450130-8 IS SAME AS 6-6450130-7.

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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 14FEB05
CHK M.PERCHERKE 14FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Shanghai P.R.China 200233

NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450130	-

CUSTOMER DRAWING

SCALE 2:1 SHEET 17 OF 20 REV L1

LOC	DIST
ES	00

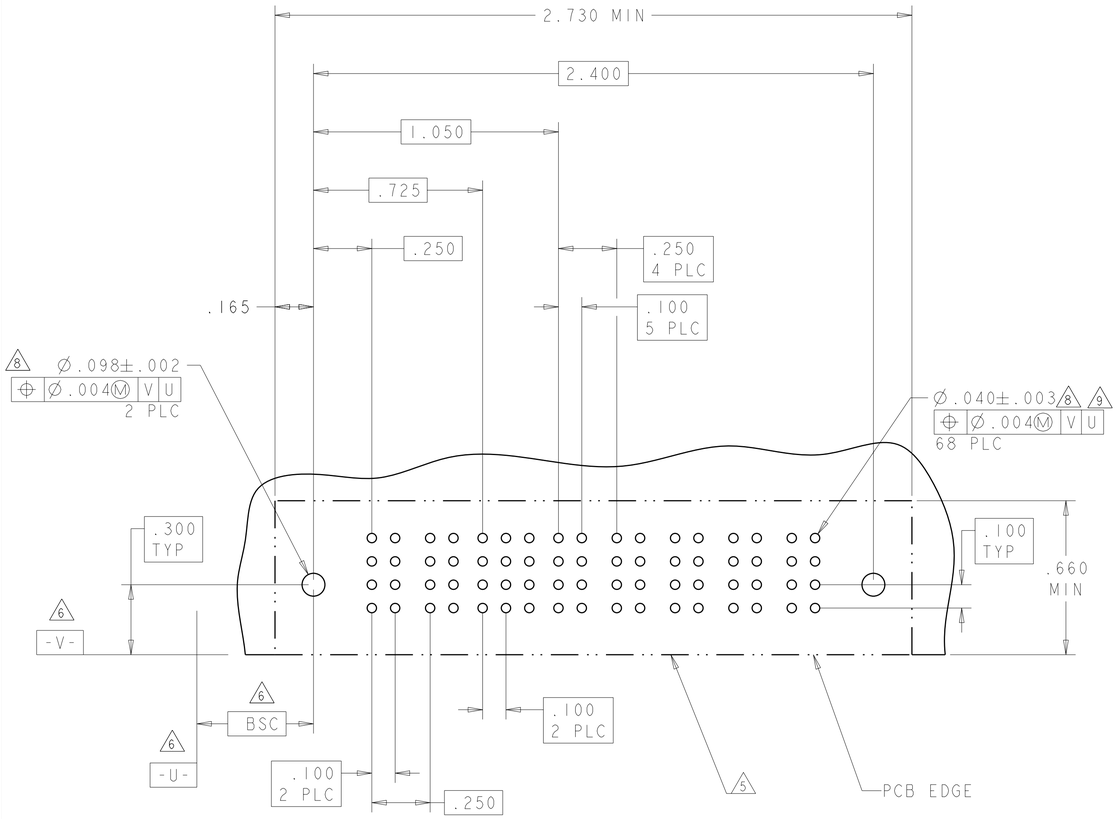
REVISIONS

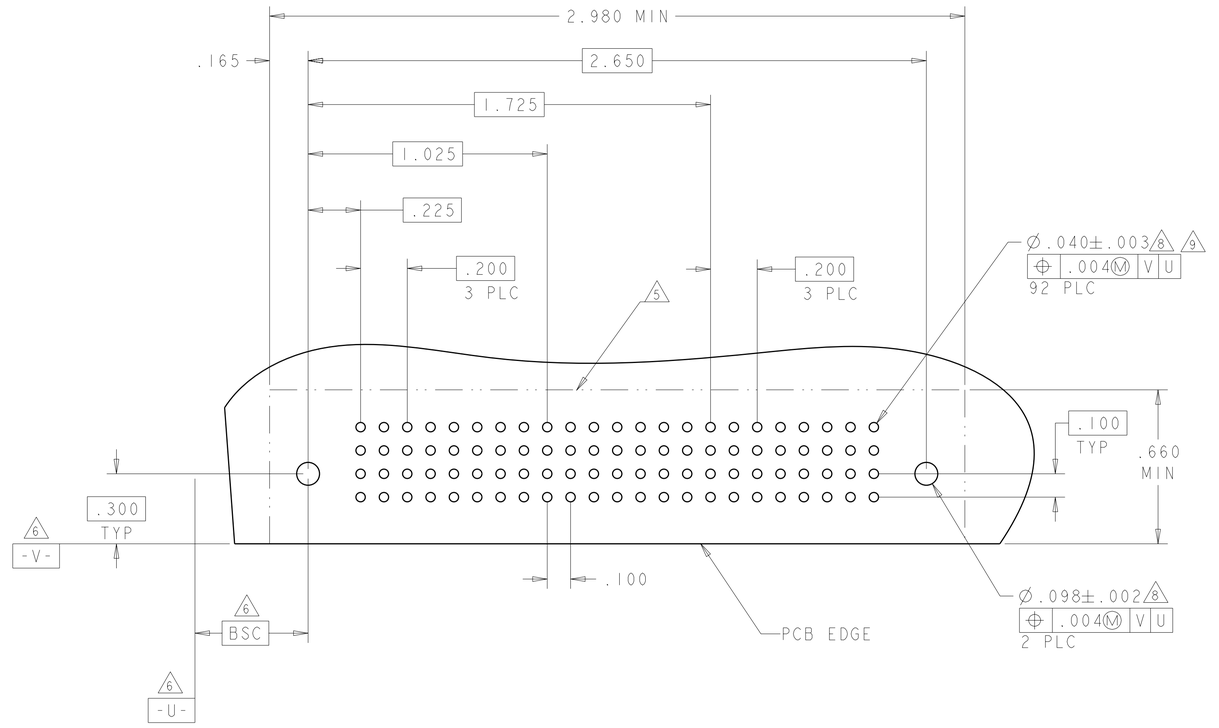
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER		SIGNAL			POWER				
			P1	P2	1	2	3	P3	P4	P5	P6	P7
9-6450130-2	D				J	J	J					
	C				K	K	K					
	B		PM	PM	N	N	N	PM	PM	PM	PM	PM
	A	HD			S	S	S					HD
2P + 12S + 5P												

K2

PART NUMBER	ROWS		POWER				SIGNAL							POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	P8	
2-6450130-4	D						A4	A4	A4	A4	A4	A4	A4					
	C						A3	A3	A3	A3	A3	A3	A3					
	B		PA	PA	PA	PA	A2	A2	A2	A2	A2	A2	A2	PA	PA	PA	PA	
	A	HD					A1	A1	A1	A1	A1	A1	A1					HD
4HDP + 28S + 4HDP																		





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SCALE 2:1 SHEET 18 OF 20 REV L1

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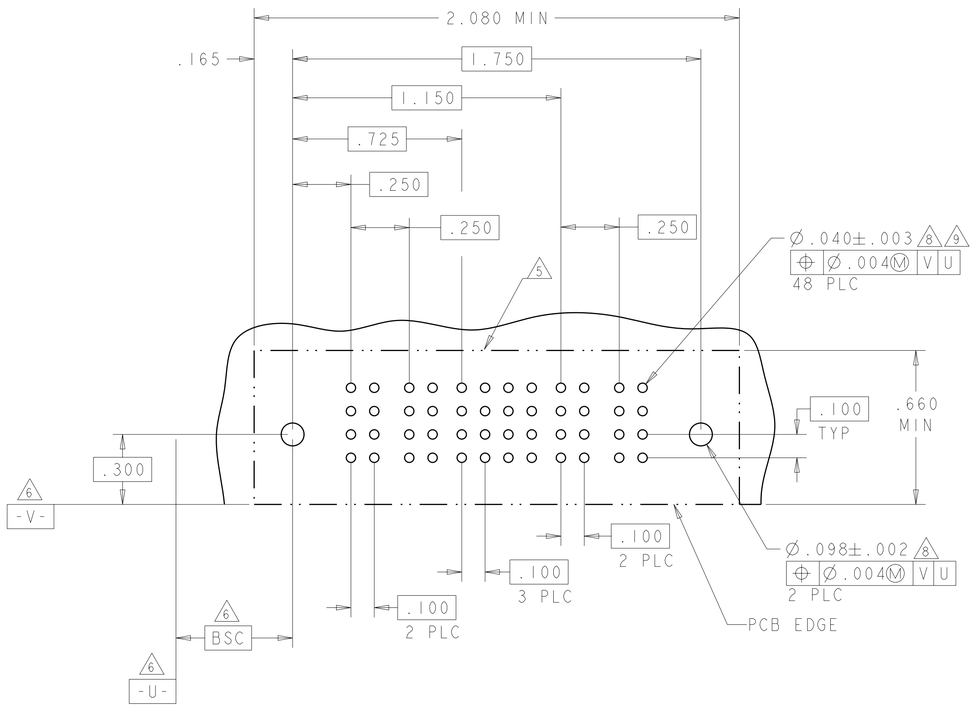
ES	00

REVISIONS

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

K5

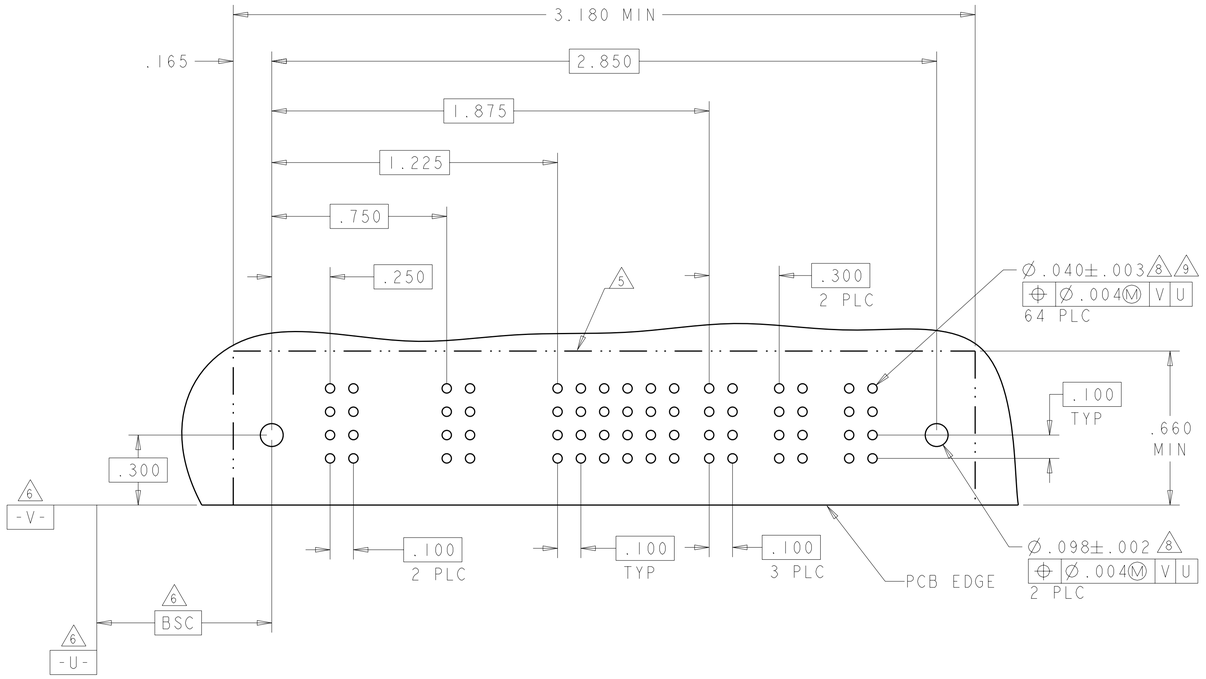
PART NUMBER	ROWS	POWER P1	POWER P2	SIGNAL 1	SIGNAL 2	SIGNAL 3	SIGNAL 4	POWER P3	POWER P4
9-6450130-3	D C B A	PM	PM	E K N S	J K N S	J K N S	J K N S	PM	PM
2P + 16S + 2P		HD							HD



K6

PART NUMBER	ROWS	POWER P1	POWER P2	POWER P3	POWER P4	SIGNAL 1	SIGNAL 2	SIGNAL 3	SIGNAL 4	SIGNAL 5	SIGNAL 6	POWER P5	POWER P6	POWER P7
9-6450130-4	D C B A	PM		PM		J K N S	J K N S	J K N S	J K N S	J K N S	J K N H	PM	PM	PM
4P + 24S + 3ACP		HD												HD

NO CONTACT LOADED



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CUSTOMER DRAWING | SCALE 2:1 | SHEET 19 OF 20 | REV L1

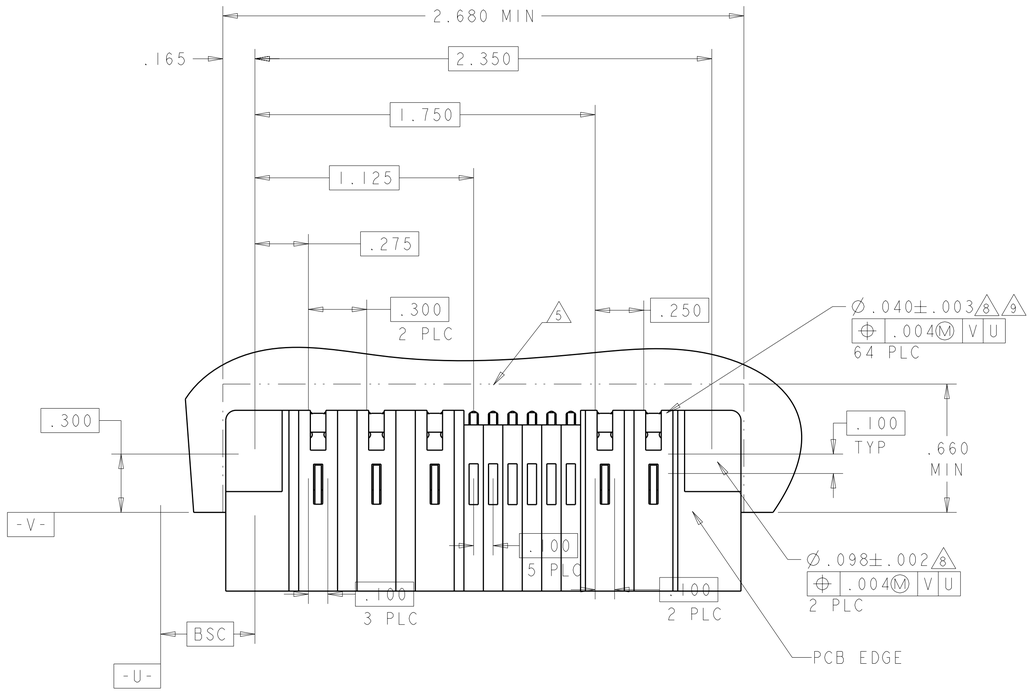
LOC	DIST
ES	00

REVISIONS

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

L1

PART NUMBER	ROWS		POWER			SIGNAL						POWER		
			P1	P2	P3	1	2	3	4	5	6	P4	P5	
2-6450130-6	D		PM	PM	PM	J	J	J	J	J	J	PM	PM	
	C					K	K	K	K	K	K			
	B					N	N	N	N	N	N			
	A	HD				S	S	S	S	S	S			HD
3ACP + 24S + 2P														



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CUSTOMER DRAWING | SCALE 2:1 | SHEET 20 OF 20 | REV L1