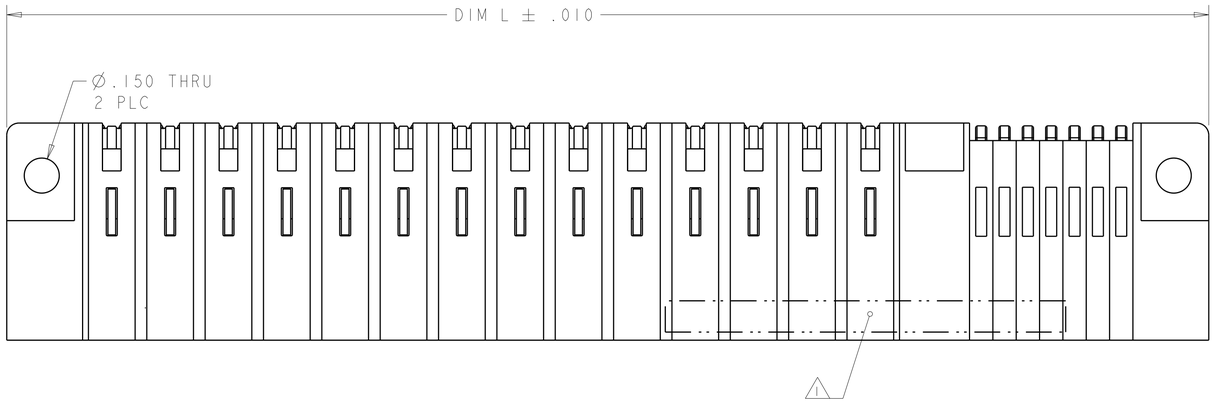
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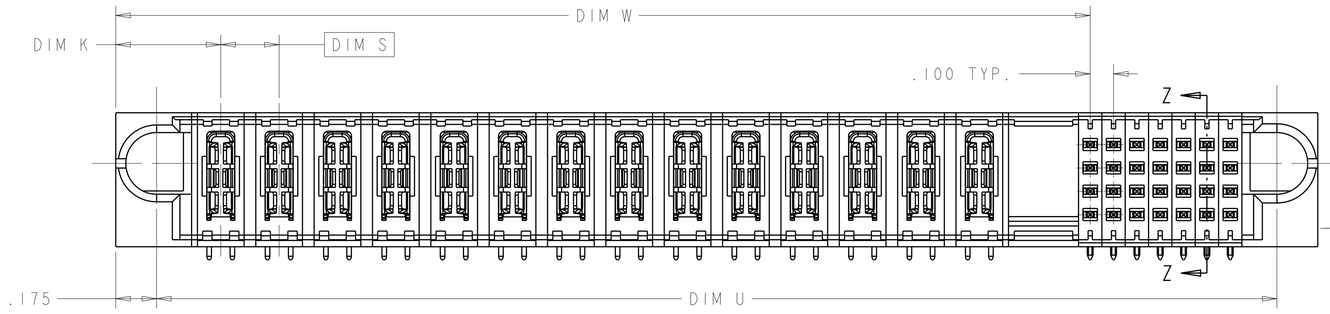
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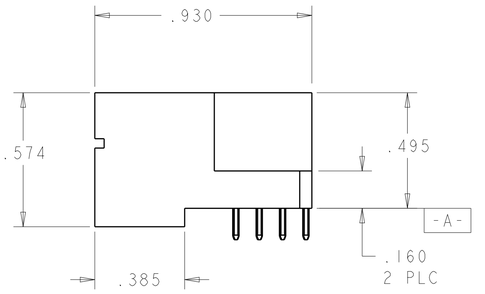
REVISIONS

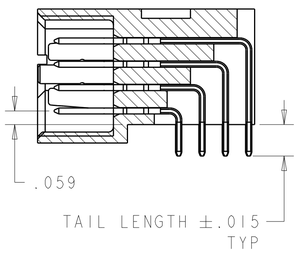
P	LTR	DESCRIPTION	DATE	DWN	APVD
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	A5	REV PER ECR-13-004638	20MAR2013	ML	SZ



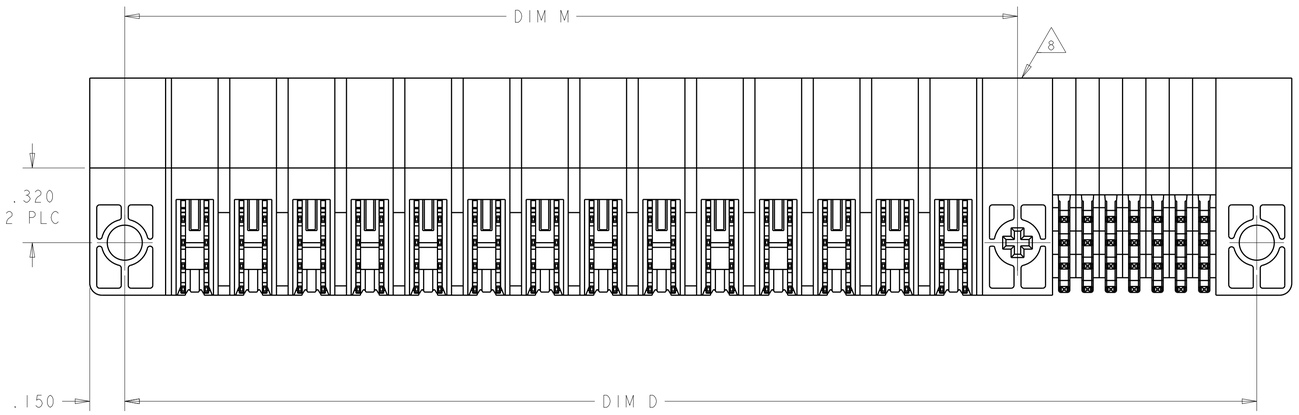
1. "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
2. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
   SIGNAL CONTACT - COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
3. CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL 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 DIAMETER HOLE.
8. OPTIONAL CENTER MODULE
9. NOT RELEASED FOR PRODUCTION
10. VARIABLE DIMENSIONS SHOWN ON VIEW (SHEET 3 AND 4).







SECTION Z-Z



DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
4.425	.200	2.200	4.475		4.775	.450	9P + 92S	1892222-9
6.075	.200	1.375	6.125	-	6.425	.375	36S + 24P	1892222-8
5.100	/10	2.375	5.150	-	5.450	.450	8P + 112S	1892222-7
3.800	/10	3.175	3.850	-	4.150	.450	12P + 28S	1892222-6
2.275	/10	2.050	2.325	-	2.625	.450	5P + 24S	1892222-5
4.500	.250	3.875	4.550	-	4.850	.450	14P + 28S	1892222-4
3.875	/10	3.550	3.925	-	4.225	.475	3ACP + 9P + 16S	1892222-3
3.875	/10	3.550	3.925	-	4.225	.475	3ACP + 9P + 16S	1892222-2
3.875	/10	3.550	3.925	-	4.225	.475	3ACP + 9P + 16S	1892222-1

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DWN Alex Shoal SEP01'06
CHK Zhao Suny SEP01'06
APVD Steven Yao SEP01'06
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

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

Tyco Electronics
Shanghai R.P.C. 200233

NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL USING MBXLE CONTACTS
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1892222	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 6 | REV A5

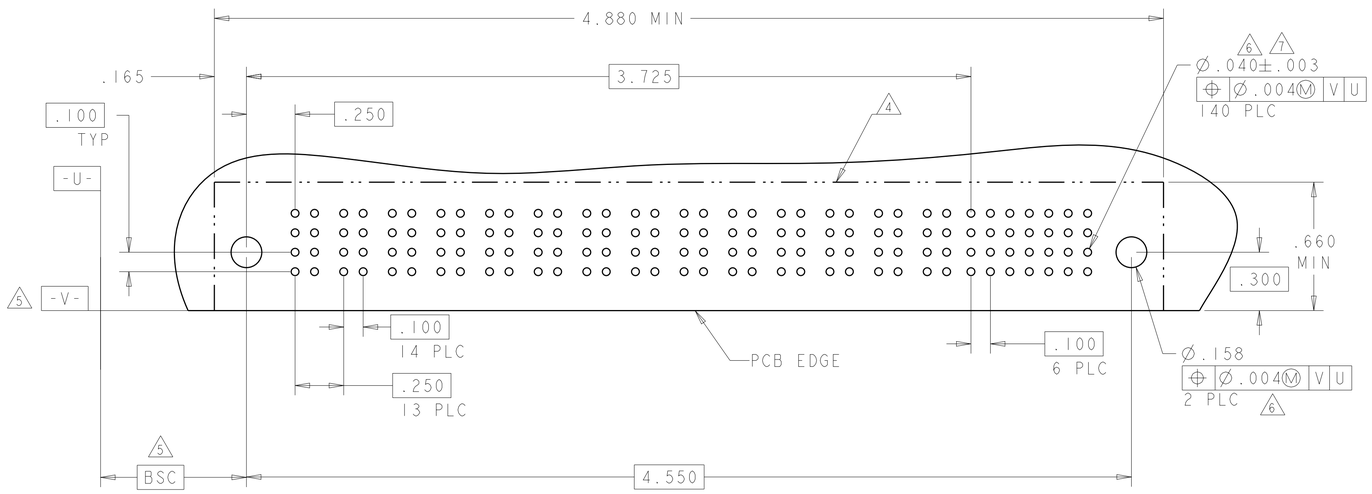
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LOC	DIST
ES	00

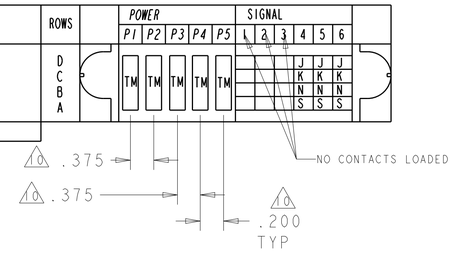
REVISIONS

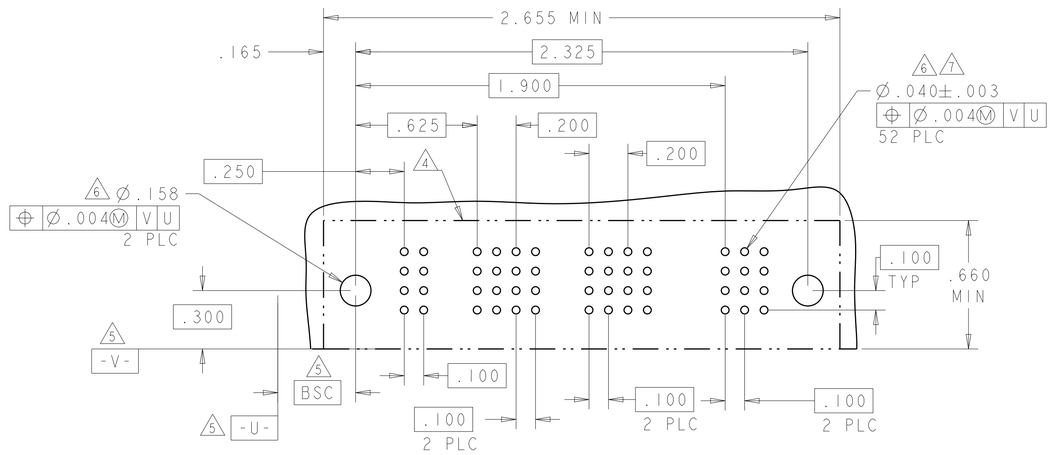
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

ASSY PART NUMBER	ROWS	POWER													SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7
1892222-4	D	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	E	E	E	E	E	E	E
	C															F	F	F	F	F	F	F
	B															G	G	G	G	G	G	G
	A															S	S	S	S	H	H	H
14P + 28S																						

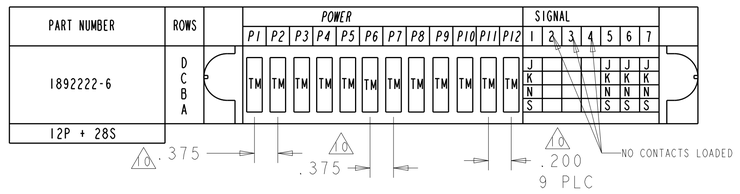


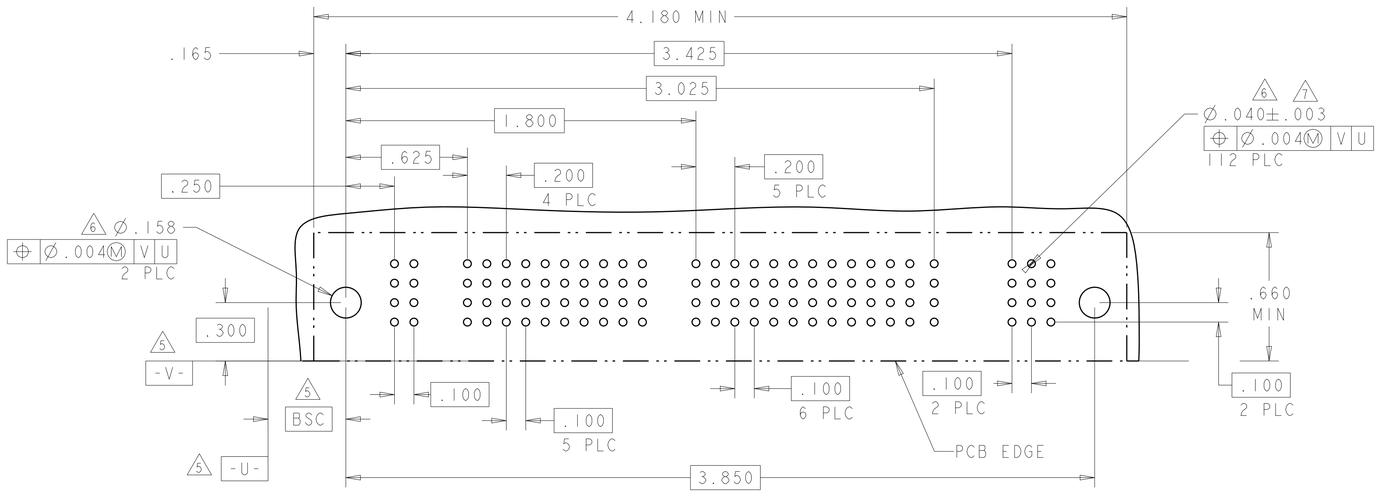
PART NUMBER	ROWS	POWER					SIGNAL					
		P1	P2	P3	P4	P5	1	2	3	4	5	6
1892222-5	D	TM	TM	TM	TM	TM				J	J	J
	C									K	K	K
	B									N	N	N
	A									S	S	S
5P + 24S												





PART NUMBER	ROWS	POWER												SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6	7
1892222-6	D	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	J				J	J	J
	C													K				K	K	K
	B													N				N	N	N
	A													S				S	S	S
12P + 28S																				





TM	.135
CODE	TAIL LENGTH
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

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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	Alex Shaal	SEP01'06
CHK	Zhao Suny	SEP01'06
APVD	Steven Yao	SEP01'06

Tyco Electronics
Shanghai R.P.C. 200233

NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL USING MBXLE CONTACTS -

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1892222	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 6 | REV A5

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LOC	DIST
ES	00

REVISIONS

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

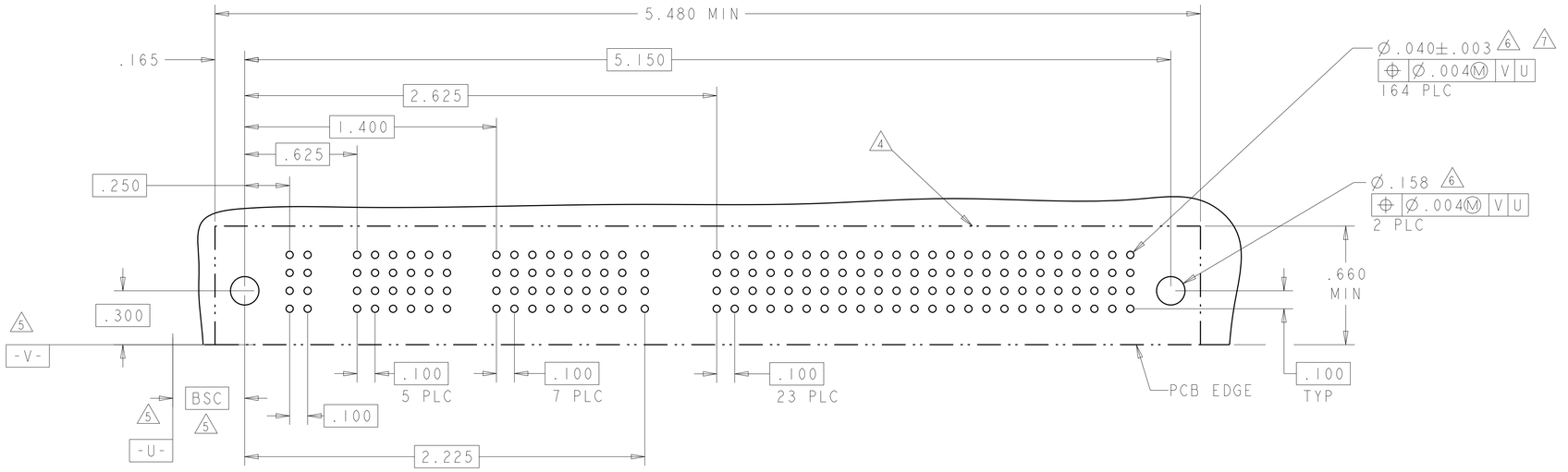
PART NUMBER	ROWS	POWER	SIGNAL
		P1 P2 P3 P4 P5 P6 P7 P8	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
1892222-7	D C B A	TM TM TM TM TM TM TM TM	J K N S
8P + 112S			

10 .375

10 .375

10 .200 5 PLC

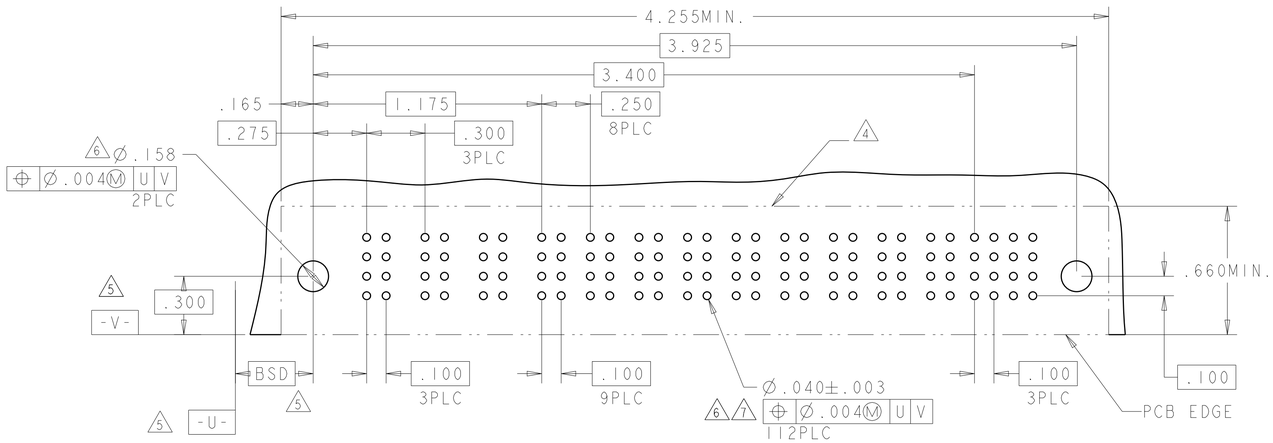
NO CONTACTS LOADED



PART NUMBER	ROWS	POWER	SIGNAL
		P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12	1 2 3 4
1892222-1	D C B A	TM TM TM TM TM TM TM TM TM TM TM TM	J K N S
3ACP + 9P + 16S			

10 .300 3PLC

10 .250 8PLC



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

MATERIAL -
FINISH -

DWN	Alex Shoal	SEP01'06
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Shanghai R.P.C. 200233

NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL USING MBXLE CONTACTS -

PRODUCT SPEC 108-1973

APPLICATION SPEC 114-13038

WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1892222	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 6 | REV A5

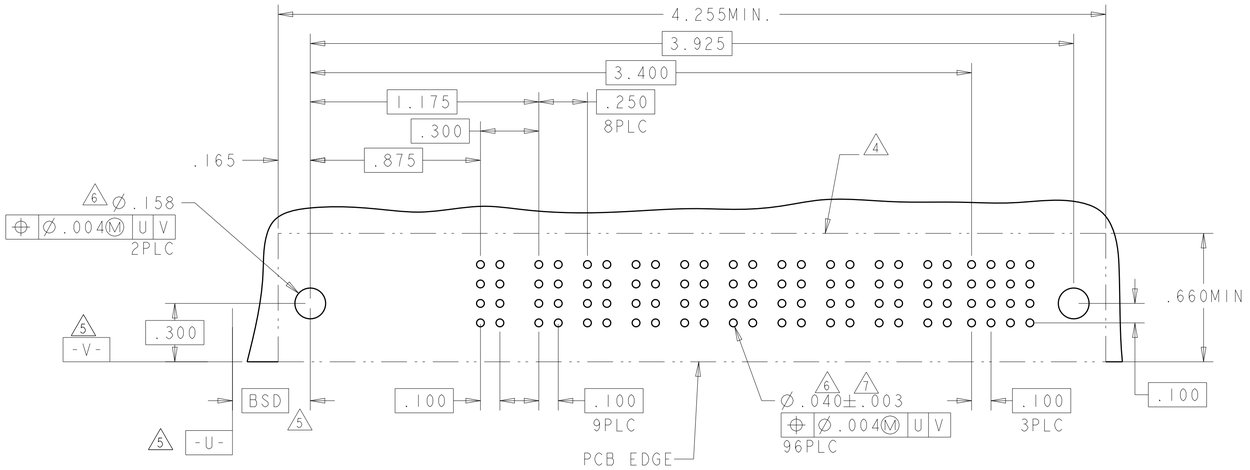
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LOC	DIST
ES	00

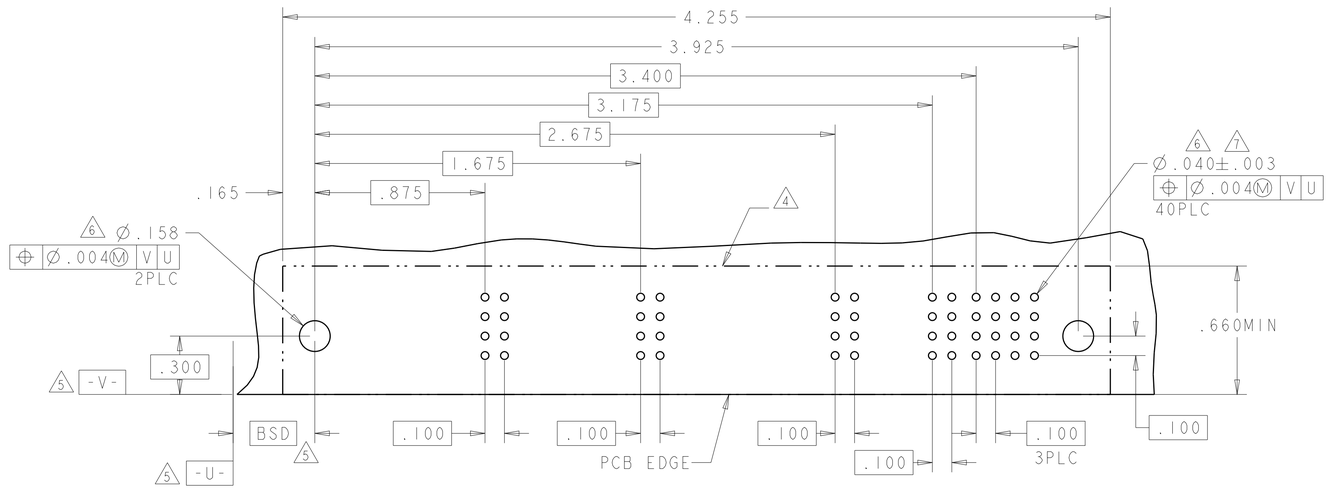
REVISIONS

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

PART NUMBER	ROWS	POWER P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	SIGNAL 1	2	3	4
1892222-2	D C B A			TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	J K N S	J K N S	J K N S	J K N H
3ACP + 9P + 16S																	



PART NUMBER	ROWS	POWER P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	SIGNAL 1	2	3	4
1892222-3	D C B A			TM			TM				TM		TM	J K N S	J K N S	J K N S	J K N H
3ACP + 9P + 16S																	



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

MATERIAL - -
FINISH - -

DWN Alex Shoal SEP01'06
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Tyco Electronics
Shanghai R.P.C. 200233

NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL USING MBXLE CONTACTS -

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1892222	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 6 | REV A5

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LOC	DIST
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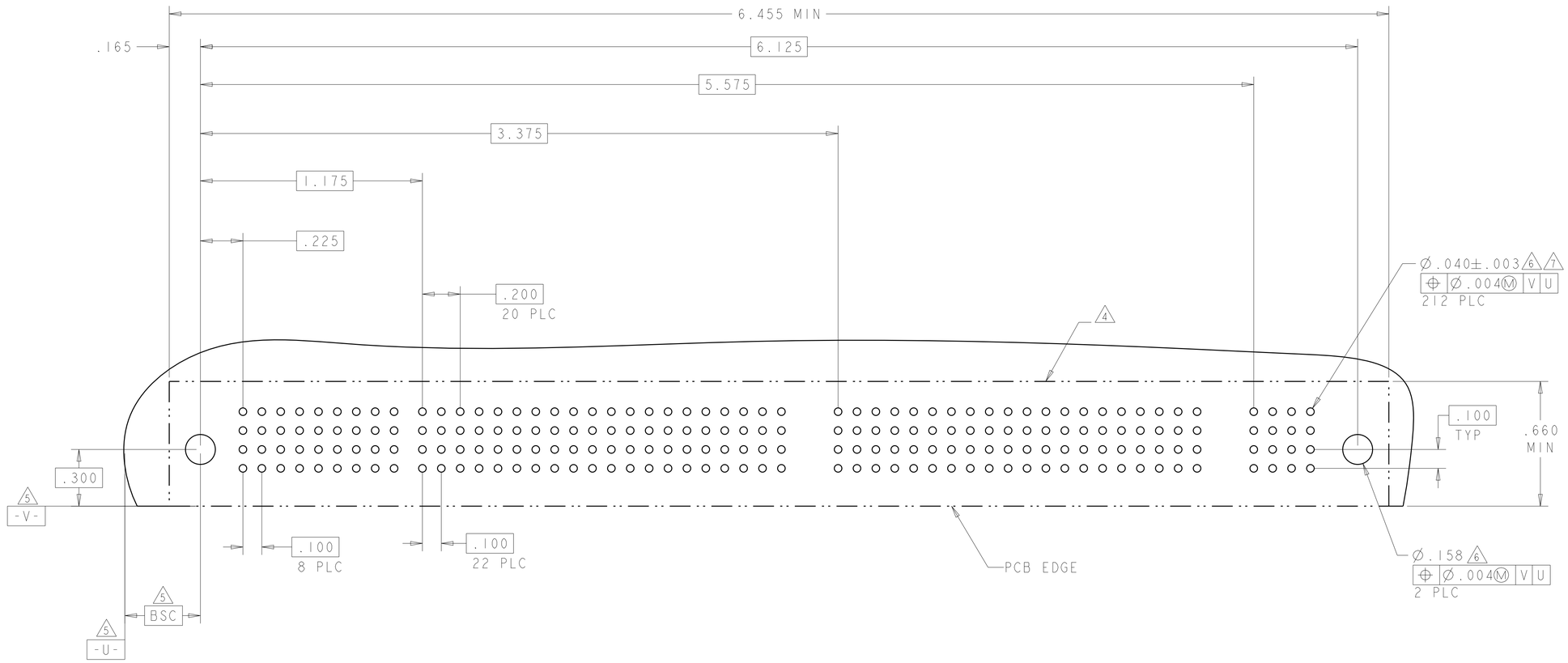
REVISIONS

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

(A4)

PART NUMBER	ROWS	SIGNAL									POWER																								
		1	2	3	4	5	6	7	8	9	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24
1892222-8	D	J	J	J	J				J	J	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM		TM	TM	TM	TM	TM	TM	TM	TM	TM	TM		TM	TM
	C	K	K	K	K				K	K																								
	B	N	N	N	N				N	N																								
	A	S	S	S	S				S	S																								

36S + 24P



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

MATERIAL - -

FINISH - -

DWN	Alex Shoal	SEP01'06
CHK	Zhao Suny	SEP01'06
APVD	Steven Yao	SEP01'06
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

Tyco Electronics
Shanghai R.P.C. 200233

NAME
RIGHT ANGLE SOLDER HEADER ASSEMBLY
MULTI-BEAM XL USING MBXLE CONTACTS
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1892222	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 6 | REV A5

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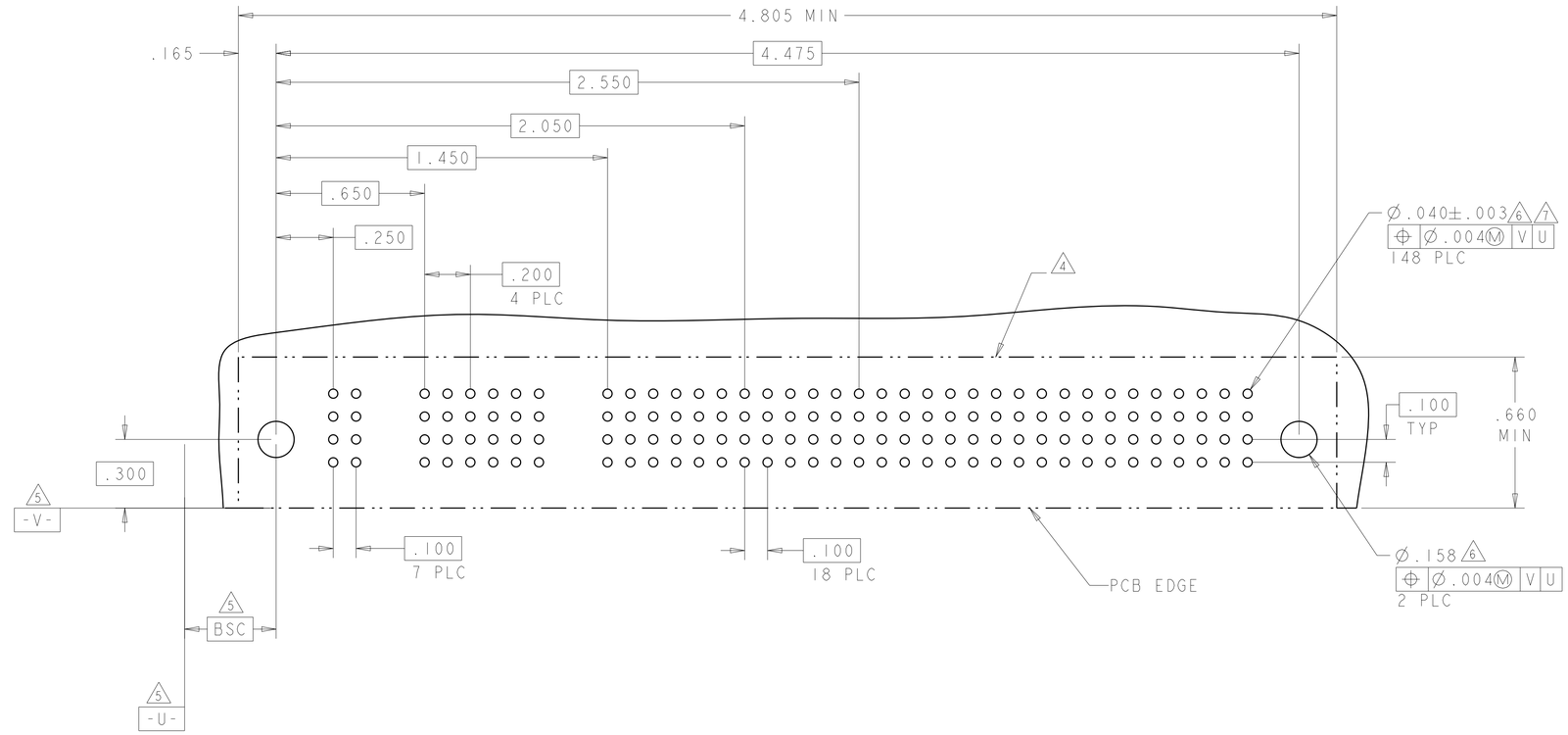
LOC	DIST
ES	00

REVISIONS

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

PART NUMBER	ROWS		POWER									SIGNAL																							
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1892222-9	D		TM		TM	TM	TM		TM	TM	TM	J	J				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
	C											K	K				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	N	N		
	A											S	S				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
9P + 92S																																			

A4



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ANGLES ±2°

MATERIAL -
FINISH -

DWN Alex Shaal SEP01'06
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PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

Tyco Electronics
Shanghai R.P.C. 200233

NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL USING MBXLE CONTACTS -

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1892222 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 6 OF 6 | REV A5