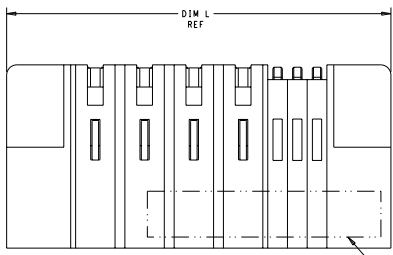
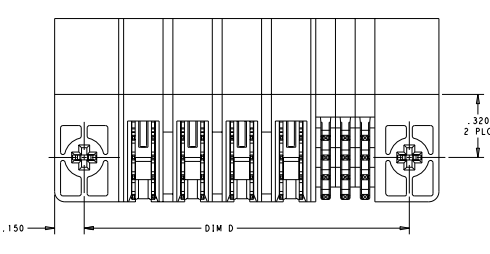
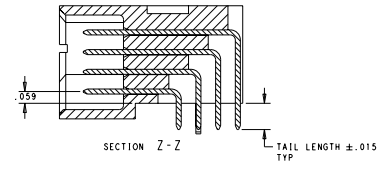
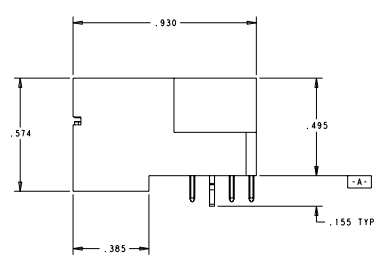
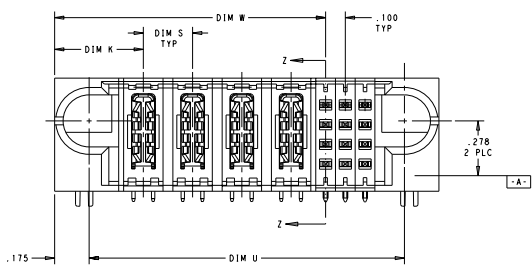


REV	DATE	DESCRIPTION	BY	CHK	APP
00					
D2		ADDED NEW DASH NUMBER	HWB/MSH	SZ	SF
D3		ADDED NEW DASH NUMBER -23	HWB/MSH	CZ	SF
D4		ADDED NEW DASH NUMBER -24	HWB/MSH	LL	SF
E		REV PER CDR-10-000270	HWB/MSH	LL	SF



- ⚠ "AMP" TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- ⚠ MATERIAL:  
 HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0  
 SIGNAL CONTACT - COPPER ALLOY  
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ⚠ CONTACT PLATING:  
 SIGNAL CONTACTS- .000050 MIN Ni UNDER ALL  
 .000100 MIN Sn AT PCB INTERFACE  
 POWER CONTACTS- .000050 MIN Ni UNDER ALL  
 .000030 MIN Au AT CONTACT AREA  
 .000100 MIN Sn AT PCB INTERFACE
- ⚠ MECHANICAL CONNECTOR KEEP OUT ZONE
- ⚠ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- ⚠ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- ⚠ PCB - .0453 +/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER  
 .001 TO .003 PLATING TO ACHIEVE A .040 DIA HOLE
- ⚠ VARIABLE DIMENSION SHOWN ON TABLE.
- ⚠ NOT RELEASED FOR PRODUCTION.

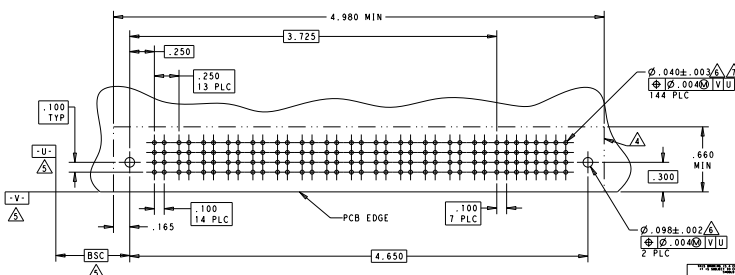
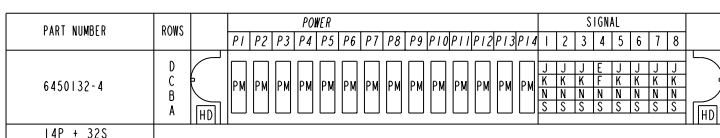
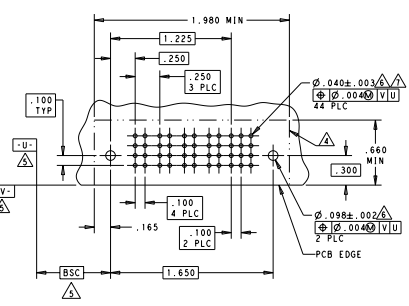
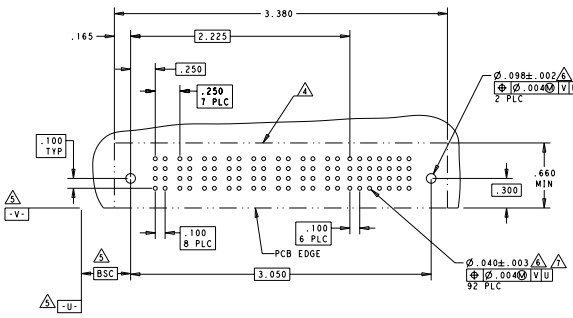
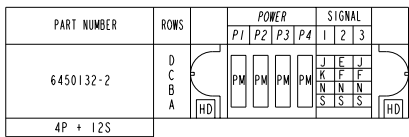
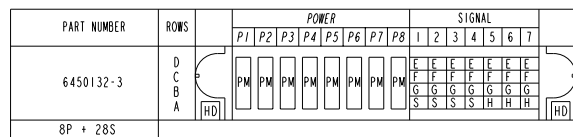
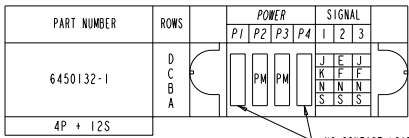


②	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-4
	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-3
	3.350	.200	2.825	3.400	.450	3.700	12HDP + 24S	2-6450132-2
⚠	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-1
	2.150	.200	1.625	2.200	.450	2.500	6P + 24S	2-6450132-0
⚠	3.325	.300	2.800	3.375	.425	3.675	3ACP + 6P + 24S	1-6450132-9
⚠	2.075	.300	1.550	2.125	.475	2.425	4ACP + 24S	1-6450132-8
	4.000	-.375	4.050	-.475	4.350	148S		1-6450132-7
	4.700	.250	3.825	4.750	.450	5.050	14P + 32S	1-6450132-5
	2.825	.250	2.300	2.875	.475	3.175	3ACP + 4P + 24S	1-6450132-3
	2.900	.250	2.375	2.950	.450	3.250	8P + 24S	1-6450132-2
	2.250	.250	1.975	2.300	.475	2.600	6P + 12S	6450132-8
	2.675	.250	2.125	2.725	.450	3.025	7P + 24S	6450132-7
	1.100	-.575	1.150	.425	1.450	1P + 24S		6450132-6
	2.925	.250	2.375	2.975	.450	3.275	8P + 24S	6450132-5
	4.600	.250	3.875	4.650	.450	4.950	14P + 32S	6450132-4
	3.000	.250	2.375	3.050	.450	3.350	8P + 28S	6450132-3
	1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-2
	1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-1
DIM U	DIM S	DIM W	DIM D	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER

INCHES  
 DIMENSIONS  
 100-1913  
 114-13038  
 DATE: 08/15/2018  
 DRAWN BY: HWB/MSH  
 CHECKED BY: HWB/MSH  
 APPROVED BY: HWB/MSH  
 CUSTOMER DRAWING  
 TITLE: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL  
 PART NO: 00778  
 REV: 00  
 SHEET: 1 OF 1  
 DATE: 08/15/2018  
 BY: HWB/MSH  
 CHECKED BY: HWB/MSH  
 APPROVED BY: HWB/MSH  
 CUSTOMER DRAWING

DATE: 08/24/2018 BY: TECH ELECTRONICS CORPORATION, ALL RIGHTS RESERVED

REV	DATE	DESCRIPTION	BY	CHK	APP
00		SEE SHEET 1			



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

PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

DATE: 08/24/2018	BY: TECH ELECTRONICS CORPORATION	REV: 00	DESCRIPTION: SEE SHEET 1
INCHES	0.001 INCHES	0.001 INCHES	0.001 INCHES
DATE: 08/24/2018	BY: TECH ELECTRONICS CORPORATION	REV: 00	DESCRIPTION: SEE SHEET 1
INCHES	0.001 INCHES	0.001 INCHES	0.001 INCHES
DATE: 08/24/2018	BY: TECH ELECTRONICS CORPORATION	REV: 00	DESCRIPTION: SEE SHEET 1
INCHES	0.001 INCHES	0.001 INCHES	0.001 INCHES

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL

00778 ©-6450132

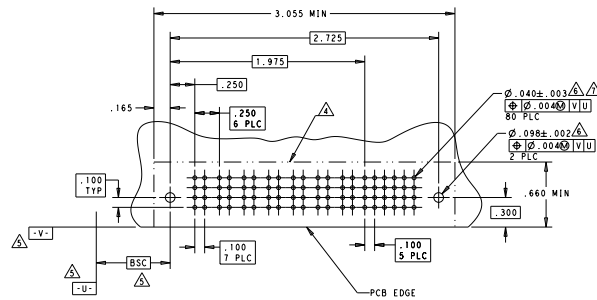
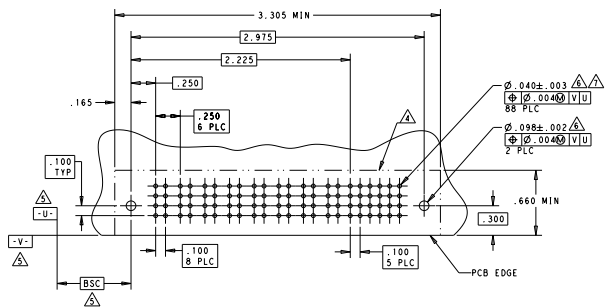
REV	DATE	DESCRIPTION	BY	CHK
00		SEE SHEET 1		

PART NUMBER	ROWS	POWER						SIGNAL							
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E	E
									K	K	K	K	F	F	F
									N	N	N	N	G	G	G
									S	S	S	S	H	H	H

8P + 24S

PART NUMBER	ROWS	POWER						SIGNAL							
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	
6450132-7	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J
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									N	N	N	N	N	N	N
									S	S	S	S	S	S	S

7P + 24S



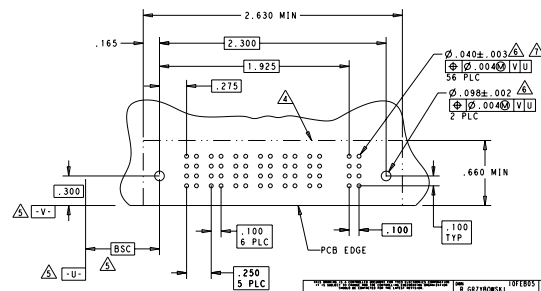
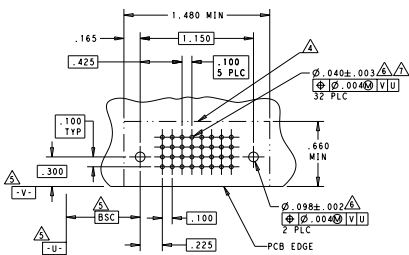
PART NUMBER	ROWS	POWER						SIGNAL							
		P1	1	2	3	4	5	6	E	E	E	E	J	J	
6450132-6	D C B A	PM							E	E	E	E	J	J	J
									F	F	F	F	F	F	F
									G	G	G	G	G	G	G
									H	H	H	H	H	H	H

1P + 24S

PART NUMBER	ROWS	POWER						SIGNAL		
		P1	P2	P3	P4	P5	P6	1	2	3
6450132-8	D C B A	PM	PM	PM	PM	PM	PM	E	E	E
								F	F	F
								G	G	G
								H	H	H

6P + 12S

NO CONTACTS LOADED IN THIS COLUMN



DIMENSIONS: INCHES DECIMALS FRACTIONS	DIMENSIONS: MILLIMETERS DECIMALS FRACTIONS	DIMENSIONS: MILLIMETERS DECIMALS FRACTIONS	TITLE: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL PART NUMBER: 6450132 REV: A DATE: 08/24/2018 DRAWN BY: J. J. J.	DATE: 08/24/2018 TIME: 11:43:38 USER: J. J. J. C: 6450132 SHEET: 3 OF 8
--	---	---	---	---

8 7 6 5 4 3 2 1

REVISIONS

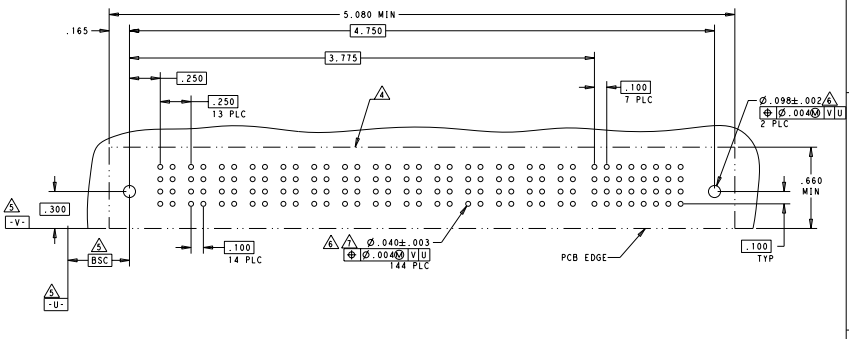
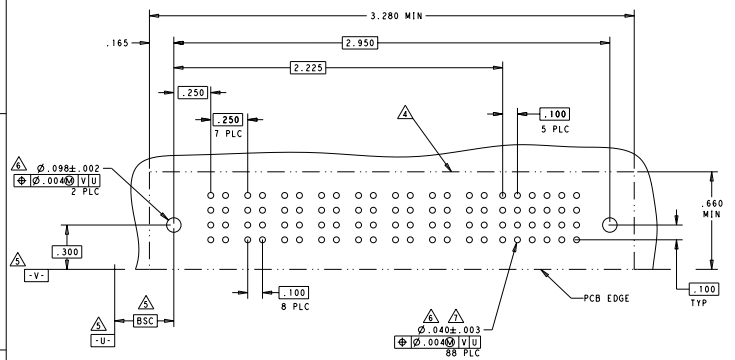
REV	DATE	DESCRIPTION	BY	CHK
00		SEE SHEET 1		

PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
1-6450132-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E
										N	N	N	N	G	G
										S	S	S	S	H	H

8P + 24S

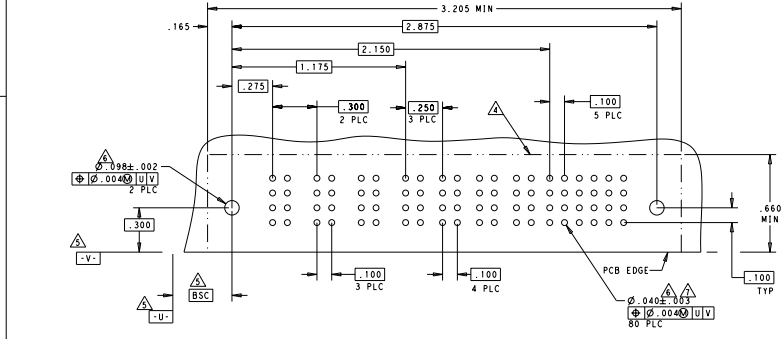
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		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8
1-6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	E	J	J	J
																F	K	K	K	F	K	K	K
																N	N	N	N	N	N	N	N
																S	S	S	S	S	S	S	S

14P + 32S



PART NUMBER	ROWS	POWER							SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6
1-6450132-3	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	S
									K	K	K	K	F	F
									N	G	N	N	G	G
									S	H	S	S	S	H

3ACP + 4P + 24S



INCHES	0.001	0.002	0.005	0.010	0.020	0.050	0.100	0.200	0.500	1.000	2.000	5.000	10.000	25.000	50.000	100.000	250.000	500.000	1000.000
MILLIMETERS	0.0254	0.0508	0.1270	0.2540	0.5080	1.2700	2.5400	5.0800	12.7000	25.4000	50.8000	127.0000	254.0000	508.0000	1016.0000	2540.0000	5080.0000	10160.0000	25400.0000

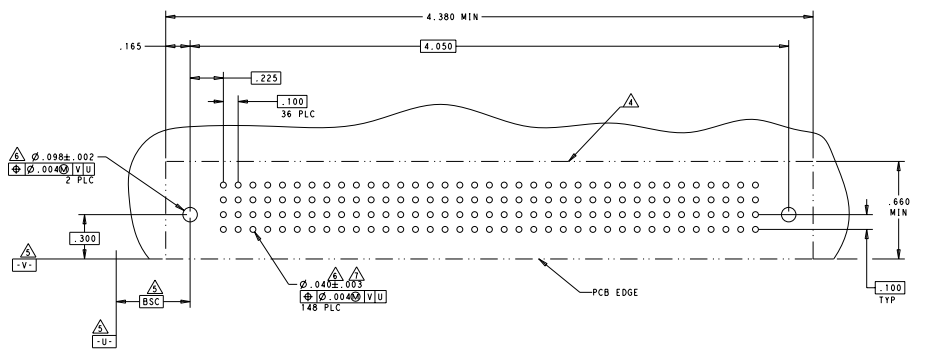
DATE	11-13-08	TIME	10:00
BY	00778	CHK	
CUSTOMER DRAWING			

DATE SUBMITTED TO MANUFACTURE RECEIVED FOR FABRICATION  
BY PCB ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

REV	DATE	REVISIONS	BY	CHK	APP
GP	00				
		DESCRIPTION			
		SEE SHEET 1			

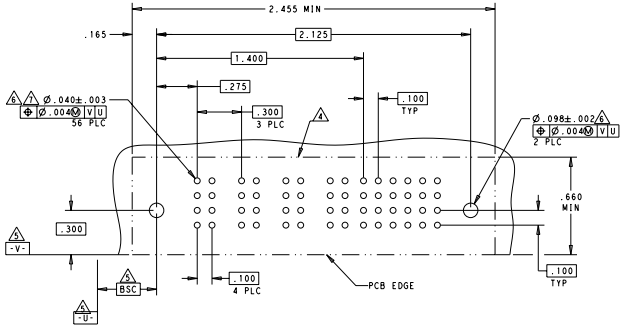
PART NUMBER	ROWS	SIGNAL																		SIGNAL																		
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1-6450132-7	D	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
	C	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	
	B	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	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	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

NO CONTACTS LOADED



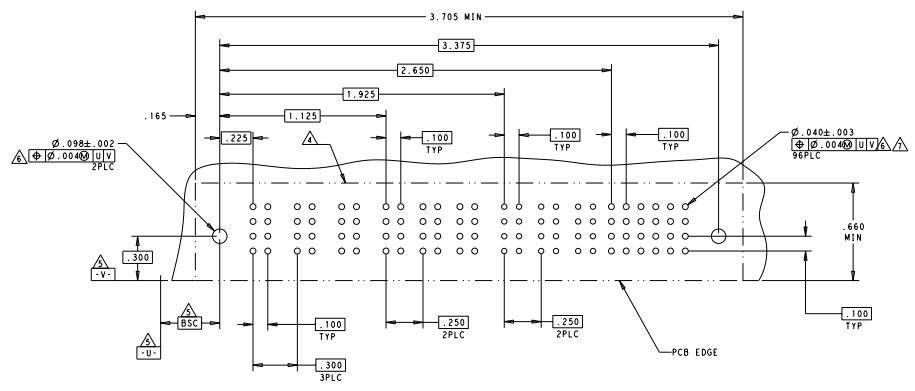
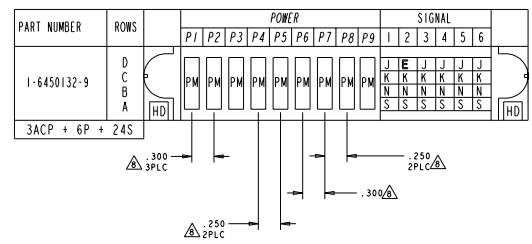
PART NUMBER	ROWS	POWER				SIGNAL					
		P1	P2	P3	P4	1	2	3	4	5	6
1-6450132-8	D					E	J	J	J	J	J
	C					K	K	K	K	K	K
	B					N	N	N	N	N	N
	A					S	S	S	S	S	H

4ACP + 24S



INCHES		MILLIMETERS		TOLERANCES UNLESS OTHERWISE SPECIFIED		TYPE ELECTRONICS CORPORATION Scepter, P.O. Box 200230	
PLC		PLC		PLC		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
MATERIAL		MATERIAL		MATERIAL		DATE: 08/04/00	
DRAWN		DRAWN		DRAWN		PART NUMBER: 6450132	
CHECKED		CHECKED		CHECKED		REV: A	
APPROVED		APPROVED		APPROVED		CUSTOMER DRAWING	

REV	DATE	DESCRIPTION	BY	CHK
00		SEE SHEET 1		



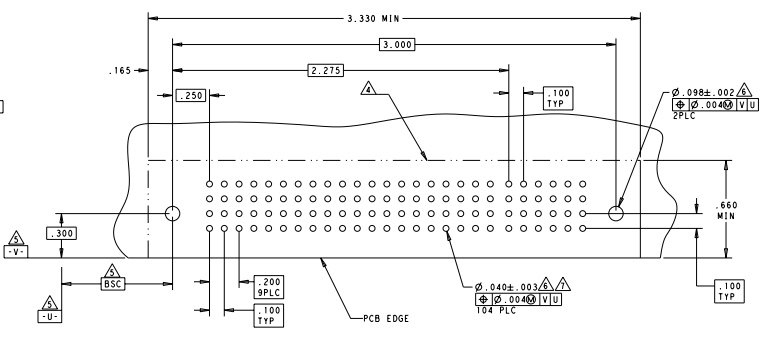
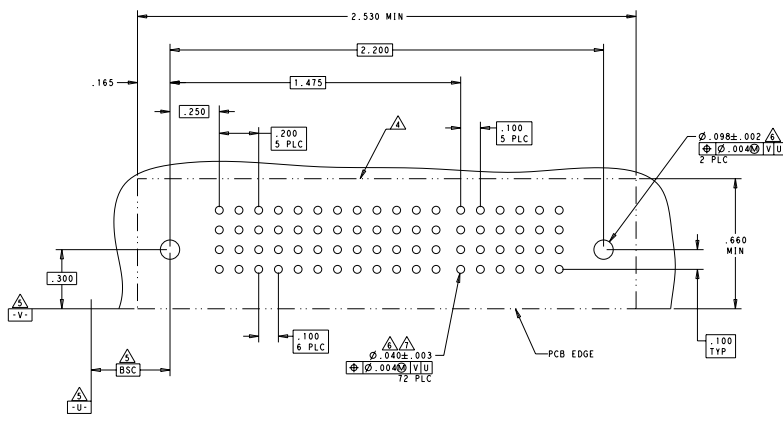
PART NUMBER: 1-6450132-9 INCHES: .0005 DECIMALS: 5 TOLERANCE: .0005 UNITS: INCHES		QUANTITY: 1000 DATE: 08/11/2016 TIME: 10:00:00 AM BY: PACE ELECTRONICS CORPORATION		ORDER NO.: 100-1913 QUANTITY: 1000 DATE: 08/11/2016 BY: PACE ELECTRONICS CORPORATION		TYPE ELECTRONICS CORPORATION SCHAFFER, P.O. BOX 200230 MILWAUKEE, WI 53220-0230	
DESCRIPTION: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL				DRAWING NO.: 114-13038		SCALE: 1:1	
MATERIAL: .0005 INCHES THICK				REV: A		PART NUMBER: 1-6450132	
CUSTOMER DRAWING				SHEET: 1 OF 8		DATE: 08/11/2016	

REV	DATE	DESCRIPTION	BY	CHK
00		SEE SHEET 1		

PART NUMBER	ROWS	POWER						SIGNAL					
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6
2-6450132-0	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J
								K	K	K	K	K	K
								N	N	N	N	N	N
								H	H	H	H	H	H
6P + 24S													

PART NUMBER	ROWS	POWER										SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6
2-6450132-1	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J
												K	K	K	K	K	K
												N	N	N	N	N	N
												S	S	S	S	S	S
10P + 24S																	

PART NUMBER	ROWS	POWER										SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6
2-6450132-3	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J
												K	K	K	K	K	K
												N	N	N	N	N	N
												S	S	S	S	S	S
10P + 24S																	



2-6450132-1 AND 2-6450132-3 PCB LAYOUT

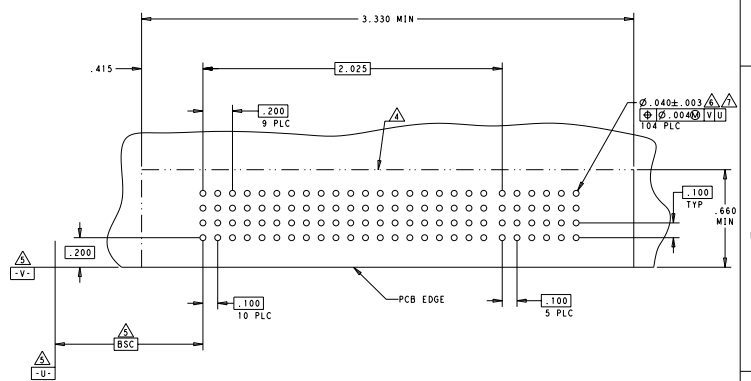
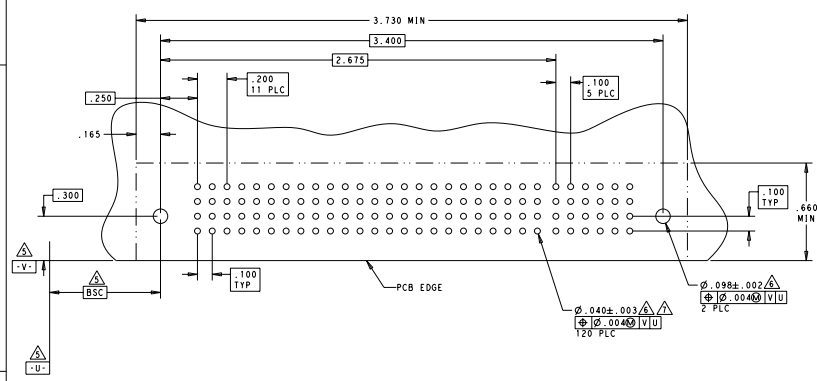
DATE: 08/24/2016	BY: PCB ELECTRONICS CORPORATION	REV: 00	DESCRIPTION: SEE SHEET 1	BY: [ ]	CHK: [ ]
INCHES	0.001 INCHES	100-1313	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	DATE: 08/24/2016	SCALE: 1:1
100-1313	114-13038	00778	6450132	1	8
CUSTOMER DRAWING			PAGE 1 OF 8		

DATE: 04/24/2018 BY: PACE ELECTRONICS CORPORATION, ALL RIGHTS RESERVED

REV	DESCRIPTION	DATE	BY
00	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
2-6450132-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	J	E
12P + 24S													K	K	K	K	K	K
													N	N	N	N	N	N
													S	S	S	S	S	S

PART NUMBER	ROWS	POWER										SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6
2-6450132-4	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	E
10P + 24S												K	F	K	K	K	F
												N	N	N	N	N	G
												S	S	S	S	S	H



DATE: 04/24/2018	BY: PACE ELECTRONICS CORPORATION	REV: 00	DESCRIPTION: SEE SHEET 1
<b>INCHES</b> 1/16 1/8 3/16 1/4 5/16 3/8 7/8 1 1 1/8 1 1/4 1 1/2 1 3/4 2 2 1/4 2 1/2 3 3 1/2 4 4 1/2 5 5 1/2 6 6 1/2 7 7 1/2 8 8 1/2 9 9 1/2 10 11 12		<b>MILLIMETERS</b> 0.5 1 1.5 2 2.5 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 25 28 30 32 35 38 40 45 50 55 60 65 70 75 80 85 90 95 100	
PART NUMBER: 2-6450132-2 ROWS: D C B A POWER: P1-P12 SIGNAL: 1-6	PART NUMBER: 2-6450132-4 ROWS: D C B A POWER: P1-P10 SIGNAL: 1-6	TITLE: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL DATE: 04/24/2018 BY: PACE ELECTRONICS CORPORATION REV: 00	CUSTOMER DRAWING DRAWING NO: 6450132 REV: 00 SHEET: 1 OF 1