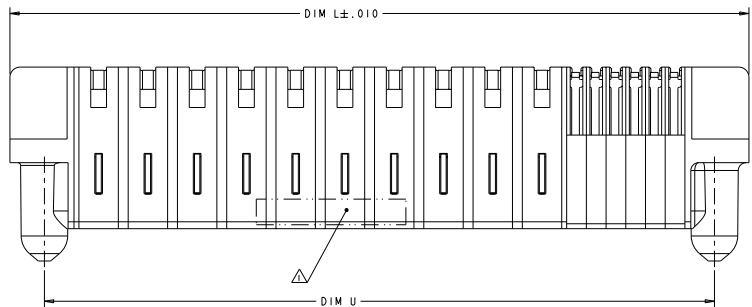
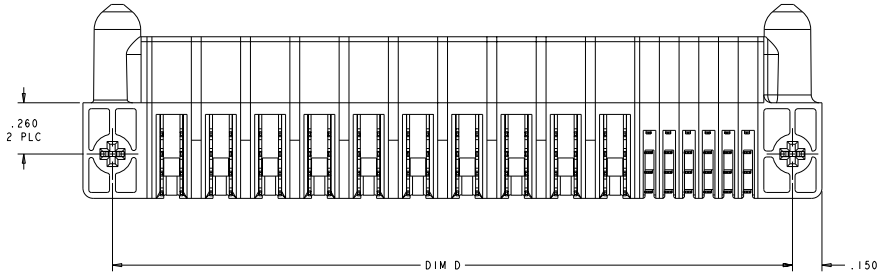
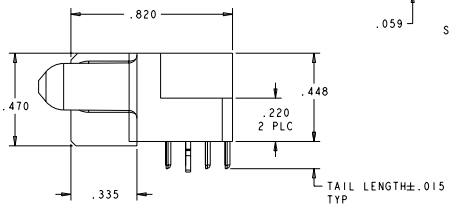
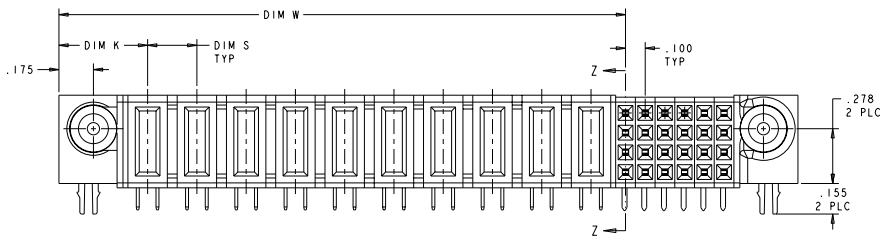
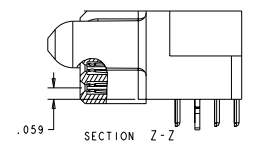


REV	DESCRIPTION	DATE	BY	CHKD
D1	REV PER ECR-08-032552	20080808	RT	SF
D2	ADDED NEW BASH NUMBER	20080808	HL	SF
D3	REV PER ECR-09-000425	20080808	HL	SF
D4	REV PER ECR-10-000004	20080808	RT	SF



- △ "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- △ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- △ 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.
- △ 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.
- △ RECEPTACLE ASSY HAS ONE MOUNTING HOLE AND ONE HOLD DOWN.
- △ NOT RELEASED FOR PRODUCTION.

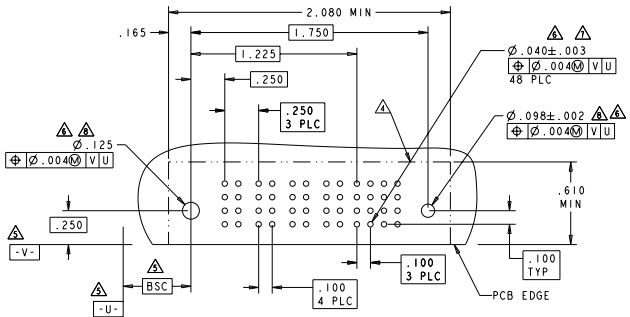


DIM U	DIM S	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
1.600	.250	1.375	1.650	-	1.950	.450	12S + 4P	1-6450161-6
1.600	.250	1.375	1.650	-	1.950	.450	12S + 4P	1-6450161-5
1.700	.250	1.375	1.750	-	2.050	.450	16S + 4P	1-6450161-3
3.800	.250	2.875	3.850	-	4.150	.450	40S + 10P	1-6450161-1
1.800	.250	1.375	1.850	-	2.150	.450	20S + 4P	1-6450161-0
2.900	.250	2.375	2.950	-	3.250	.450	24S + 8P	6450161-6
1.800	.250	1.375	1.850	-	2.150	.450	20S + 4P	6450161-5
4.400	.250	3.875	4.450	-	4.750	.450	24S + 14P	6450161-4
3.400	.250	2.875	3.450	-	3.750	.450	24S + 10P	6450161-3
2.400	.250	1.875	2.450	-	2.750	.450	24S + 6P	6450161-2
1.700	.250	1.375	1.750	-	2.050	.450	16S + 4P	6450161-1

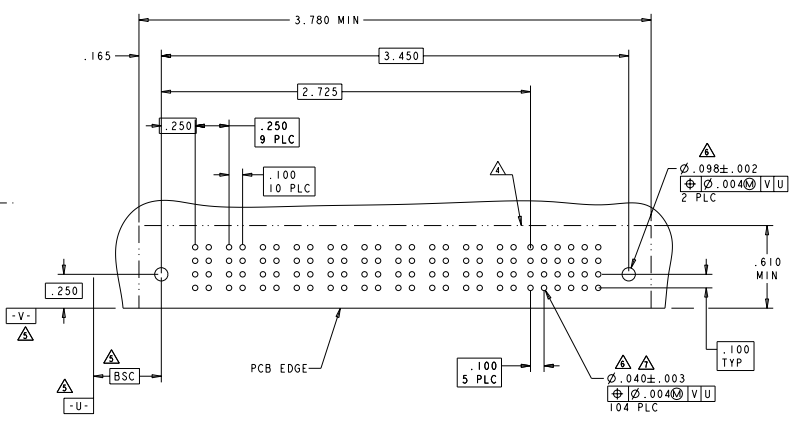
DIMENSIONS: INCHES DECIMALS: 0.0005 FRACTIONS: 1/1000 TOLERANCES: .0005	TITLE: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL PART NO: 6450161 REV: A DATE: 08/24/08 DRAWN BY: [blank] CHECKED BY: [blank]	CUSTOMER DRAWING SHEET: 4 OF 4 SCALE: 1:1 DATE: 08/24/08
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REV	DATE	DESCRIPTION	BY	CHK
00		SEE SHEET 1		

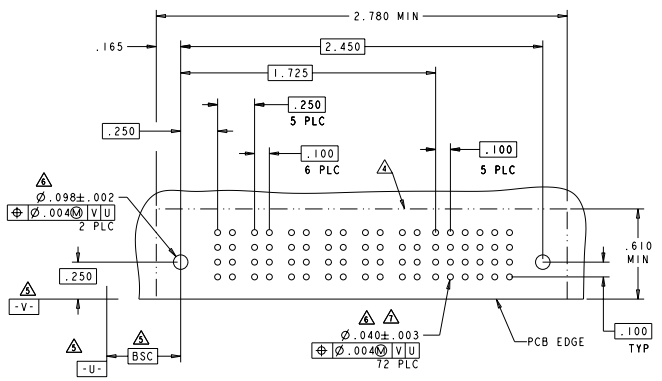
PART NUMBER	ROWS	POWER					SIGNAL					
		P4	P3	P2	P1		4	3	2	1		
6450161-1	D C B A	RA	RA	RA	RA	RA	H	H	H	H	H	H
16S + 4P							S	G	G	G	G	G
							F	F	F	F	F	F
							E	E	E	E	E	E



PART NUMBER	ROWS	POWER										SIGNAL					
		P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1
6450161-3	D C B A	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	H	H	H	H	H
24S + 10P													S	G	G	G	G
													F	F	F	F	F
													E	E	E	E	E



PART NUMBER	ROWS	POWER						SIGNAL					
		P6	P5	P4	P3	P2	P1	6	5	4	3	2	1
6450161-2	D C B A	RA	RA	RA	RA	RA	RA	H	H	H	H	H	H
24S + 6P								S	G	G	G	G	
								F	F	F	F	F	
								E	E	E	E	E	



CODE	TAIL LENGTH	DESCRIPTION
RM	.135	STD
RA	.135	MFBL
RN	.090	STD
RB	.090	MFBL

CODE	TAIL LENGTH	ROW
L	.090	D
K	.090	C
J	.090	B
I	.090	A
H	.135	D
G	.135	C
F	.135	B
E	.135	A

DIMENSIONS: INCHES DECIMALS: 0.0005 FRACTIONS: 1/1000 TOLERANCES: .0005		MATERIAL: 304 STAINLESS STEEL FINISH: POLISHED		PART NUMBER: 6450161-1 REV: 0001 DATE: 08/24/2018		CUSTOMER DRAWING: 00778 SHEET: 2 OF 5	
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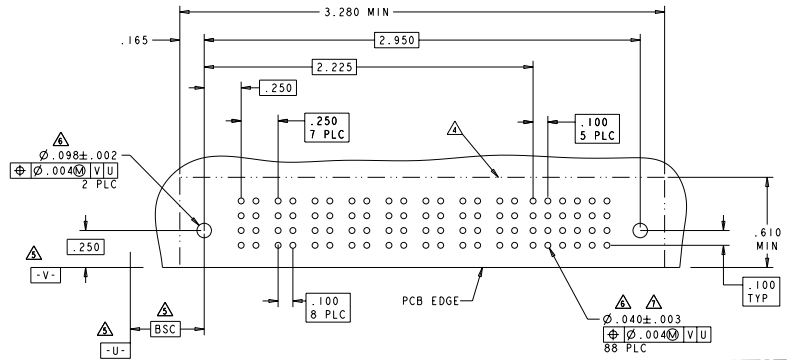
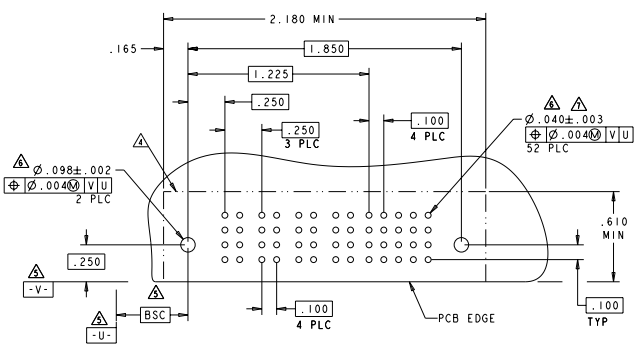
REV	DATE	DESCRIPTION	BY	CHK
00		SEE SHEET 1		

PART NUMBER	ROWS	POWER				SIGNAL				
		P4	P3	P2	P1	5	4	3	2	1
6450161-5	D C B A	RA	RA	RA	RA	H	H	H	H	H
						G	G	G	G	G
						F	F	F	F	F
						E	E	E	E	E

20S + 4P

PART NUMBER	ROWS	POWER				SIGNAL									
		P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1
6450161-6	D C B A	RA	RA	RA	RA	RA	RA	RA	RA	H	H	H	H	H	H
										G	G	G	G	G	G
										F	F	F	F	F	F
										E	E	E	E	E	E

24S + 8P

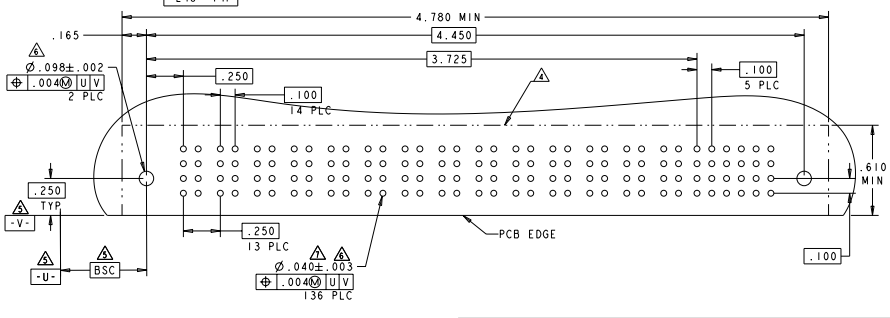
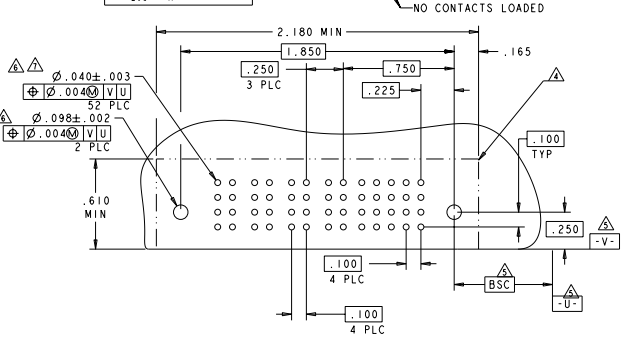


PART NUMBER	ROWS	POWER			SIGNAL					
		P4	P3	P2	P1	5	4	3	2	1
1-6450161-0	D C B A	RM	RM	RM	RM	H	H	H	H	H
						G	G	G	G	G
						F	F	F	F	F
						E	E	E	E	E

20S + 4P

PART NUMBER	ROWS	POWER				SIGNAL															
		P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1
6450161-4	D C B A	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	H	H	H	H	H	H	H
															G	G	G	G	G	G	G
															F	F	F	F	F	F	F
															E	E	E	E	E	E	E

24S + 14P



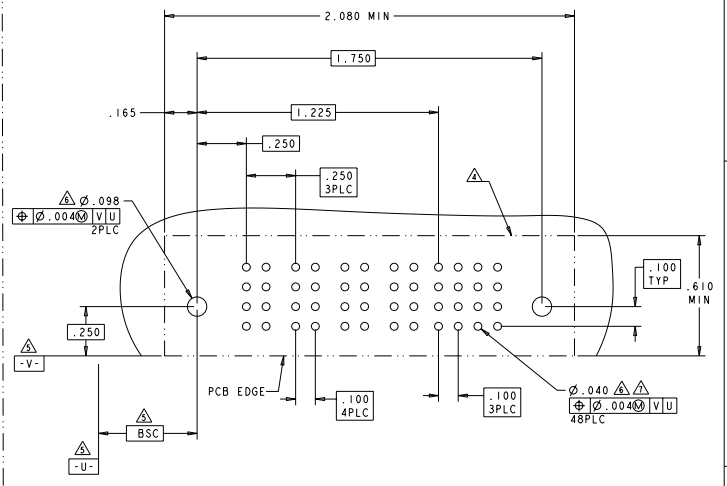
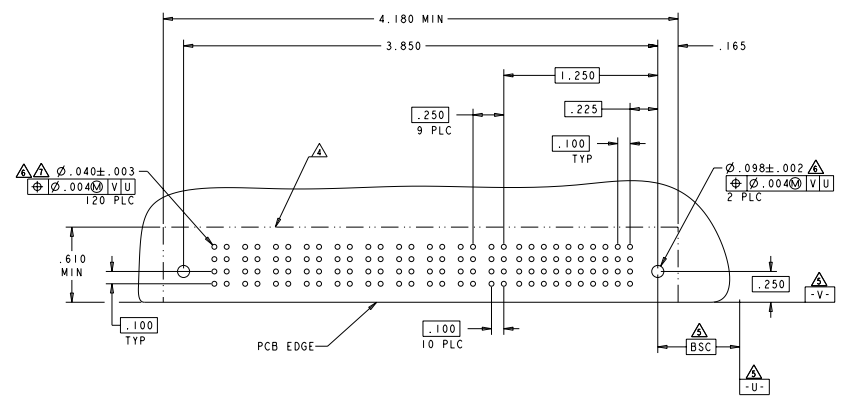
INCHES	0.0005 INCHES	25 MICROMETERS	0.0002 INCHES	5 MICROMETERS	0.001 INCHES	0.0254 MILLIMETERS	
DATE	08/24/2018	DESIGNER	TECH	DRWING NO.	168-1313	REV	0
SCALE	AS SHOWN	PROJECTION	1ST ANGLE	STANDARD	114-1303B	STY	ANSI
CUSTOMER DRAWING		DATE	08/24/2018	BY	TECH	CHKD	TECH
		APP'D		REV	0	DATE	

RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 Tech Electronics Corporation
 Skaneateles, P.O. Box 200230

REV	DATE	DESCRIPTION	BY	CHK	APP
00		SEE SHEET 1			

PART NUMBER	ROWS	POWER										SIGNAL									
		P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	10	9	8	7	6	5	4	3	2	1
		I-6450161-1	D C B A	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	H	H	H	H	H	H	H	H
40S + 10P												F	F	F	F	F	F	F	F	F	F
												E	E	E	E	E	E	E	E	E	E

PART NUMBER	ROWS	POWER				SIGNAL			
		P4	P3	P2	P1	4	3	2	1
		I-6450161-3	D C B A	RA	RA	RA	RA	H	H
16S + 4P						G	G	G	G
						F	F	F	F
						E	E	E	E

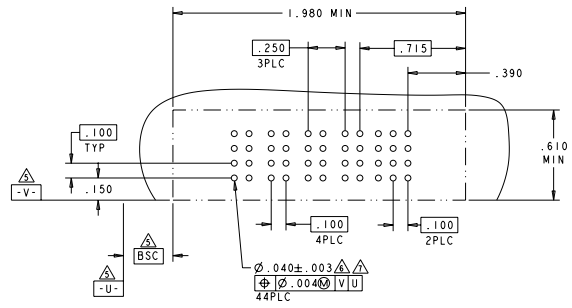
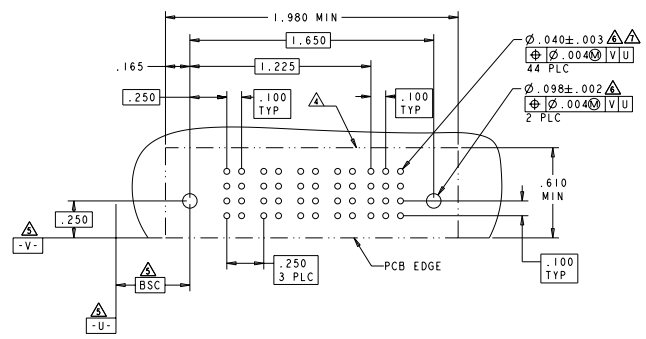


INCHES	25.400000	MILLIMETERS	25.400000	DATE	10/27/93	BY	00779	CHK		APP	
DESCRIPTION	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL										
PART NUMBER	I-6450161-1										
REV	A										
CUSTOMER DRAWING	PAGE 2-11 SHEET 4 OF 5										

REV	DATE	DESCRIPTION	BY	CHK
00		SEE SHEET 1		

PART NUMBER	ROWS	POWER			SIGNAL			
		P4	P3	P2	P1	3	2	1
1-6450161-5	D C B A	RM	RM	RM	RM	H G F E	H G F E	H G F E
12S + 4P		(HD)						(HD)

PART NUMBER	ROWS	POWER			SIGNAL			
		P4	P3	P2	P1	3	2	1
1-6450161-6	D C B A	RM	RM	RM	RM	H G F E	H G F E	H G F E
12S + 4P								



INCHES	0.001	0.002	0.005	0.010	0.020	0.050	0.100	0.150	0.250	0.500	1.000	2.000	5.000	10.000	25.000	50.000	100.000	250.000	500.000	1000.000
MILLIMETERS	0.025	0.050	0.127	0.254	0.508	1.270	2.540	3.810	6.350	12.700	25.400	50.800	127.000	254.000	508.000	1016.000	2540.000	5080.000	10160.000	25400.000

DATE	08/12/2018	BY	W. PECHERRE	CHKD	W. PECHERRE	DATE	08/12/2018	BY	W. PECHERRE	CHKD	W. PECHERRE
TITLE	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL										
SCALE	1:1										
PROJ	00778										
REV	A										
CUSTOMER DRAWING	1-6450161										
SHEET	4										
TOTAL SHEETS	5										
REV	D4										