

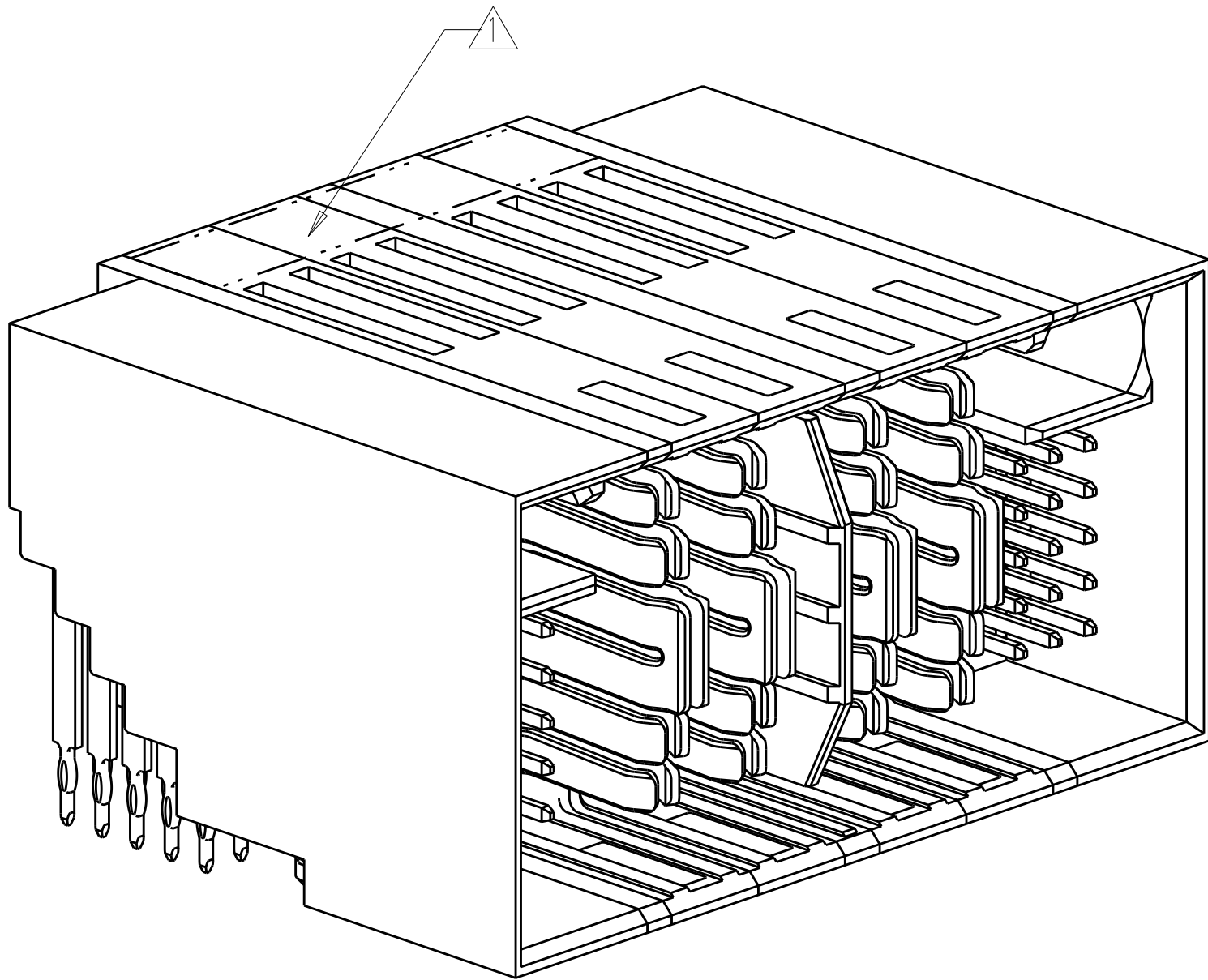
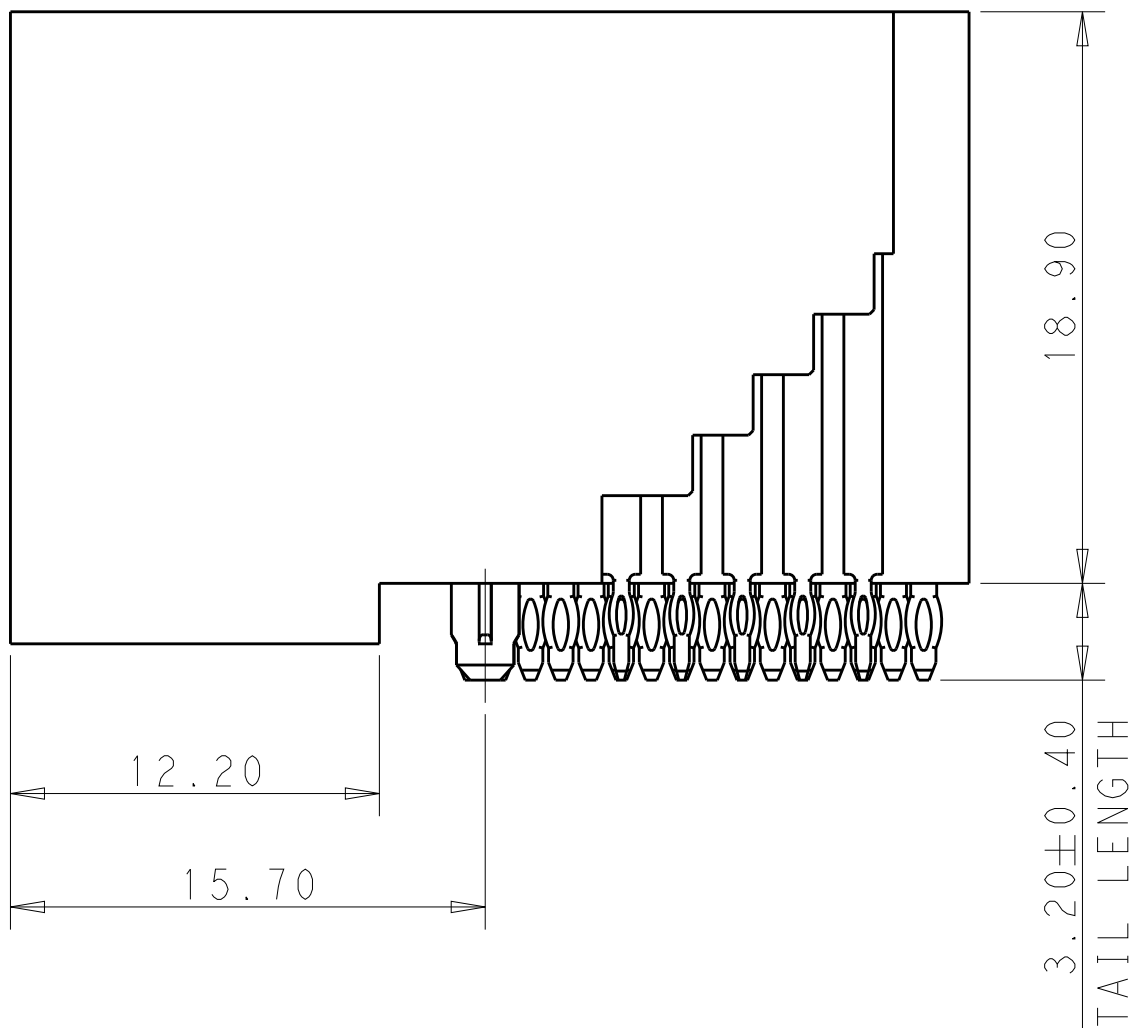
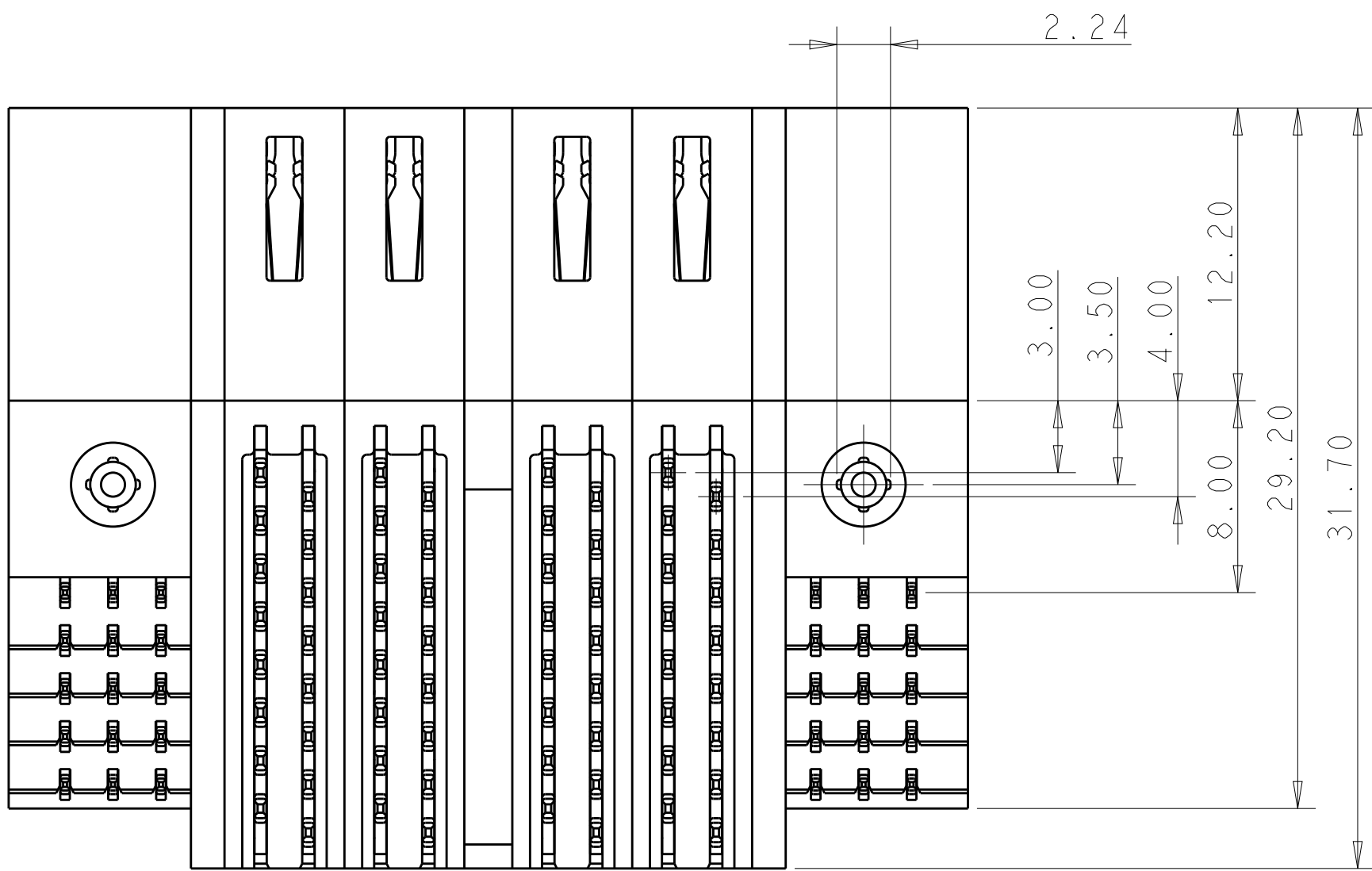
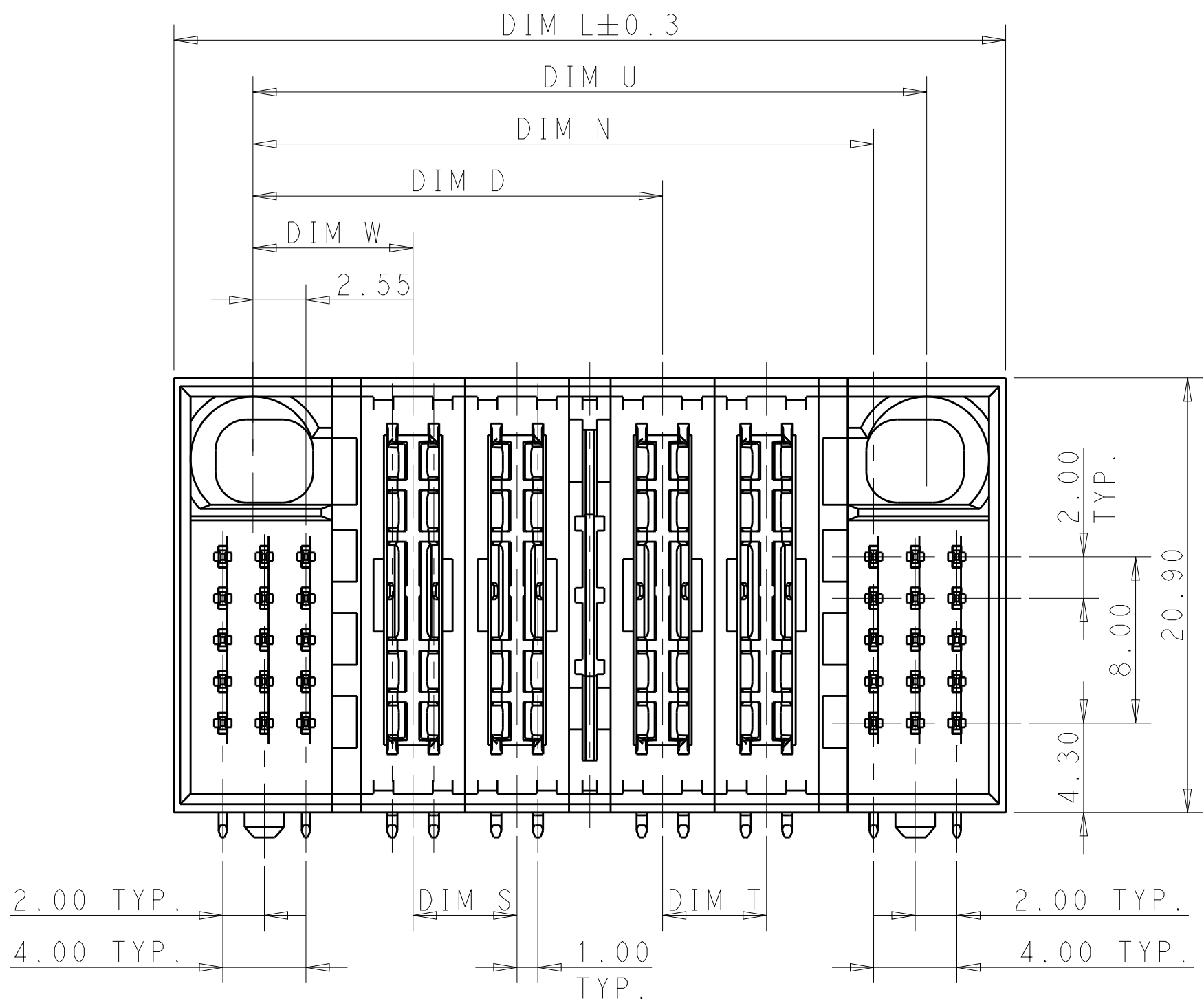
LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A1	ECR-16-002696	24DEC2015	TZ	SZ	
			A2	ECR-16-017528	19DEC2016	TZ	SZ	

D

C

B

A



NOTES,UNLESS OTHERWISE SPECIFIED:

△ "TE",PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.

△ MATERIAL:

HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,
COLOR: BLACK, UL94 V- 0.

SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.

POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.

△ CONTACT PLATING:

MATING AREA - NOBLE METAL OVERALL NICKEL

TAIL SIDE AREA - MATTE TIN OVERALL NICKEL.

4.MECHANICAL CONNECTOR KEEP OUT ZONE.

△ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

△ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

△ PCB HOLE:

POWER - 1.15±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN.

Sn OVER 0.025~0.076 MM Cu PLATING TO ACHIEVE A 1.02 MM DIA. HOLE.

SIGNAL - 0.835±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN.

Sn OVER 0.025~0.076 MM Cu PLATING TO ACHIEVE A 0.72 MM DIA. HOLE.

50.00	42.40	39.85	24.70	7.70	5.00	5.00	15S+3P+3P+15S	1-2204440-1
30.0	22.40	19.85	14.70	7.70	-	-	0S+1P+1P+0S	1-2204440-0
58.00	50.40	47.85	28.70	7.70	7.00	7.00	15S+3HVP+3HVP+15S	2204440-9
50.00	42.40	39.85	24.70	7.70	5.00	5.00	15S+3P+3P+15S	2204440-8
33.00	25.40	22.85	-	7.70	5.00	-	15S+3P+12S	2204440-7
30.0	22.40	19.85	14.70	7.70	-	-	15S+1P+1P+15S	2204440-5/6
100.0	92.40	89.85	49.70	7.70	5.00	5.00	15S+8P+8P+15S	2204440-3
80.00	78.40	75.85	49.70	7.70	5.00	7.00	15S+8P+4HVP+15S	2204440-2
40.00	32.40	29.85	19.70	7.70	5.00	5.00	15S+2P+2P+15S	2204440-1
DIM L	DIM U	DIM N	DIM D	DIM W	DIM S	DIM T	DESCRIPTION	PART NUMBER

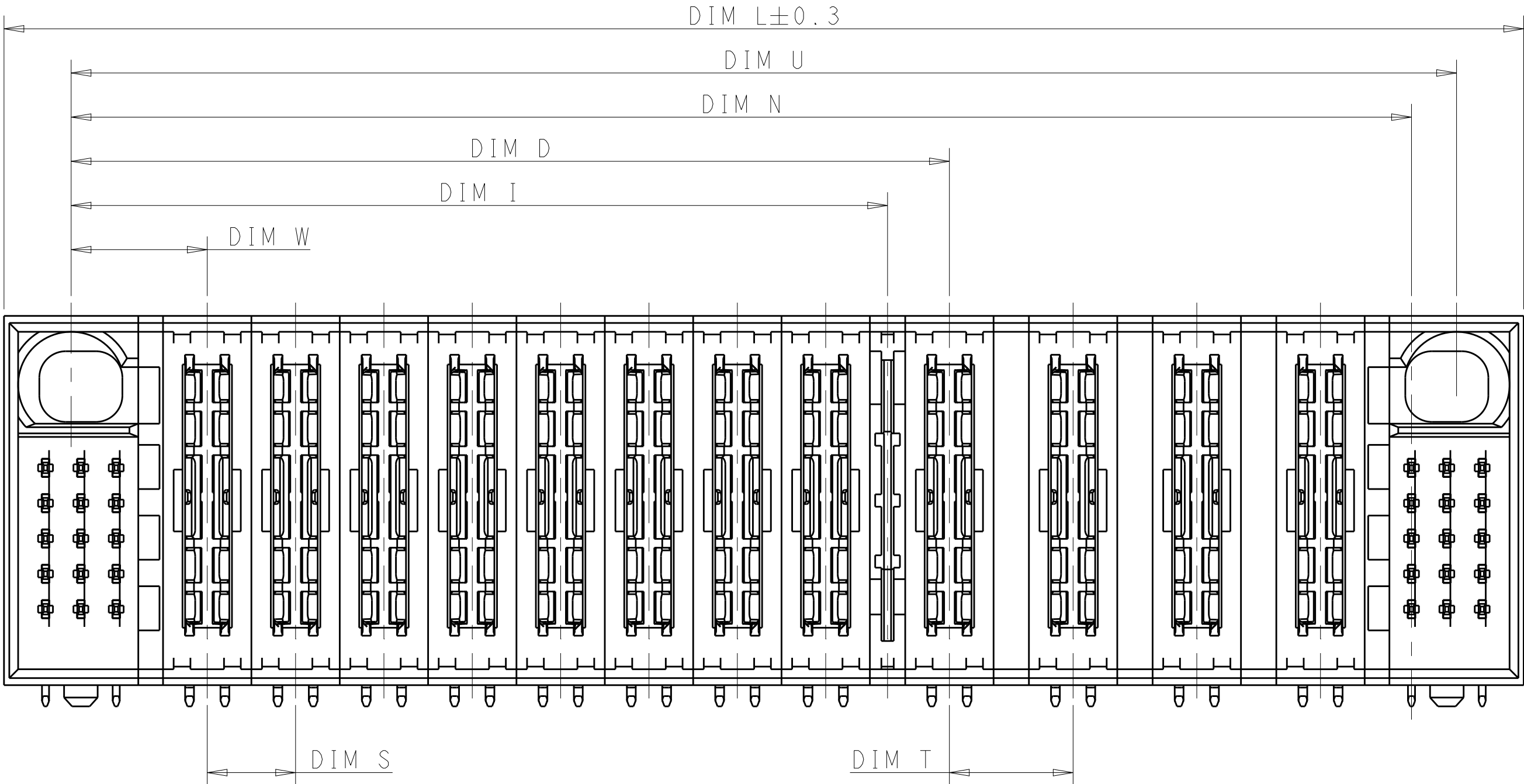
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN THOMAS ZHAO 31OCT2012	 TE Connectivity												
DIMENSIONS:				CHK SUNY ZHAO 31OCT2012	NAME												
mm				APVD SUNY ZHAO 31OCT2012													
				PRODUCT SPEC				Customer Drawing MULTI-BEAM HD CONNECTOR R/A PLUG S+P+P+S									
				APPLICATION SPEC													
				WEIGHT													
				SIZE								CAGE CODE		DRAWING NO		RESTRICTED TO	
				FINISH								A100779C-2204440					
MATERIAL				CUSTOMER DRAWING				SCALE		SHEET 1 OF 7		REV A2					
								4:1									

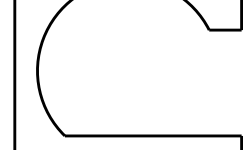
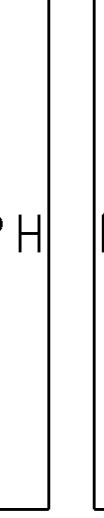
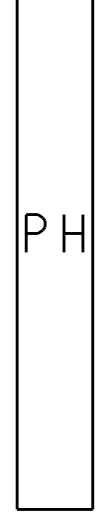
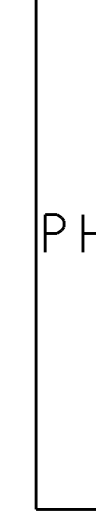
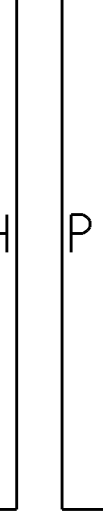
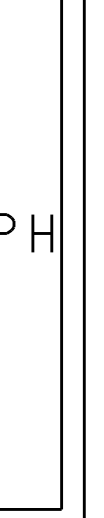
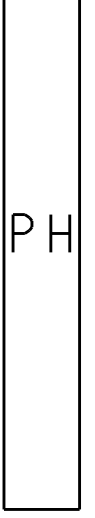
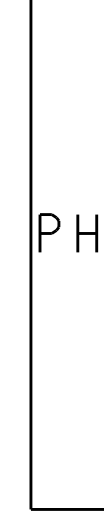
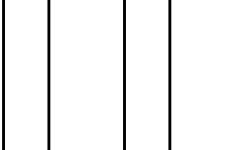


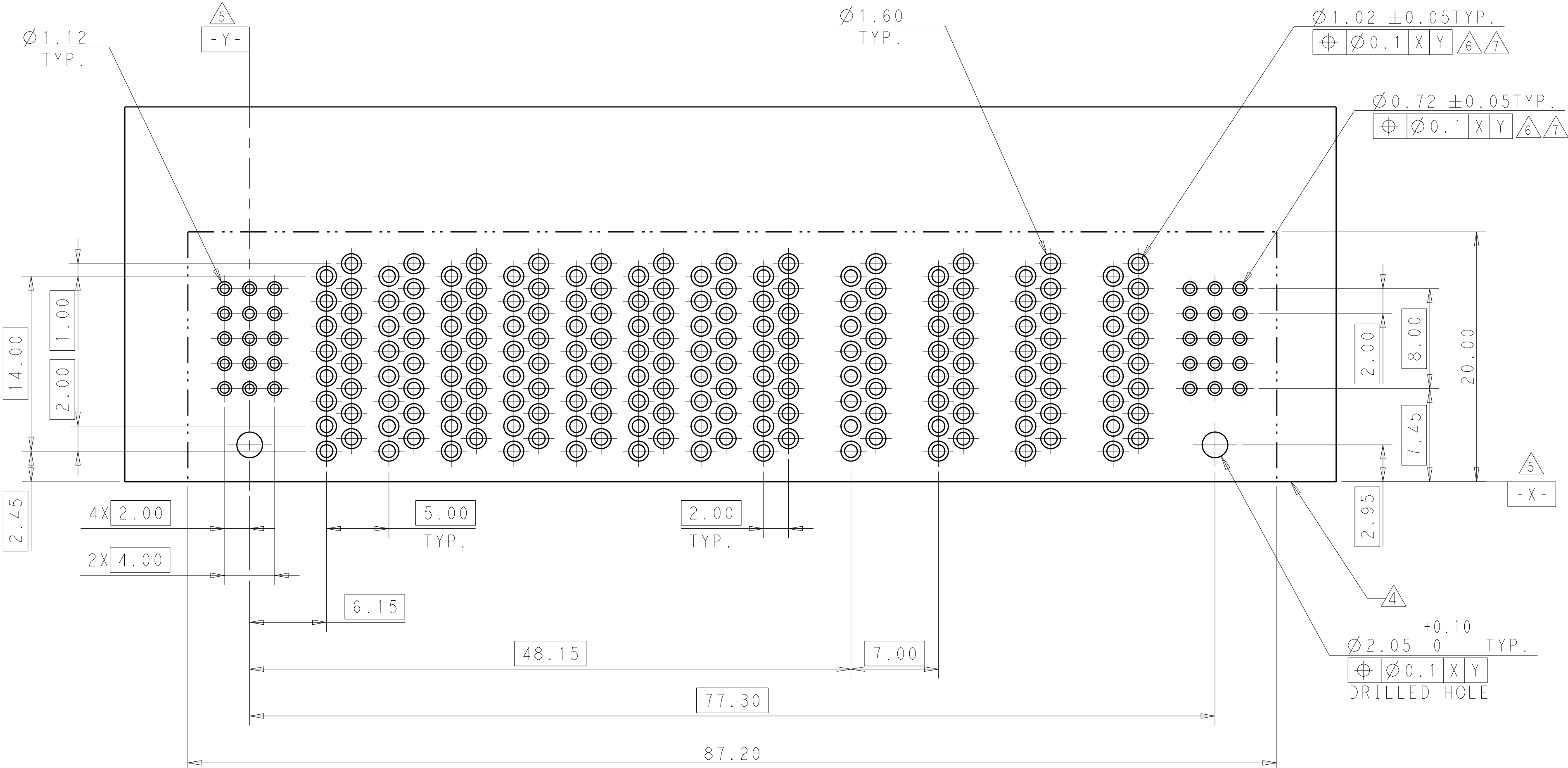
POWER CONTACT PRESS-FIT	PH
SIGNAL CONTACT PRESS-FIT STANDARD	SH1
SIGNAL CONTACT PRESS-FIT MLBF	SH2
SIGNAL/HP/SIGNAL WITH GUIDE	HOUSING
DESCRIPTION	CODE

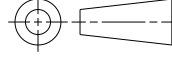
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS_ZHAO 310C12012 CHK SUNY_ZHAO 310C12012		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm	0 PLC ±. 1 PLC ±0.4 2 PLC ±0.25 3 PLC ±0.15 4 PLC ±. ANGLES ±°	APVD SUNY_ZHAO 310C12012 PRODUCT SPEC - APPLICATION SPEC -		Customer Drawing MULTI-BEAM HD CONNECTOR R/A PLUG S+P+P+S	
		WEIGHT -		SIZE CASE CODE DRAWING NO A 100779 C=2204440	RESTRICTED TO -
MATERIAL		FINISH		SCALE	
-		-		4:1	
CUSTOMER DRAWING				SHEET 2 OF 7 REV A2	

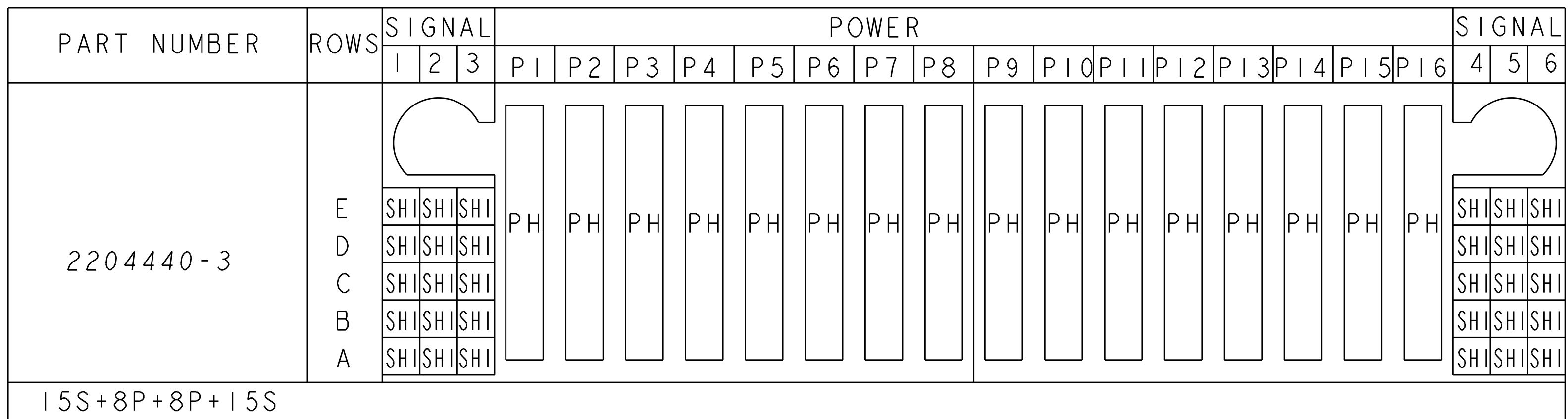
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION			DATE	DWN	APVD
-	-	SEE SHEET 1			-	-	-

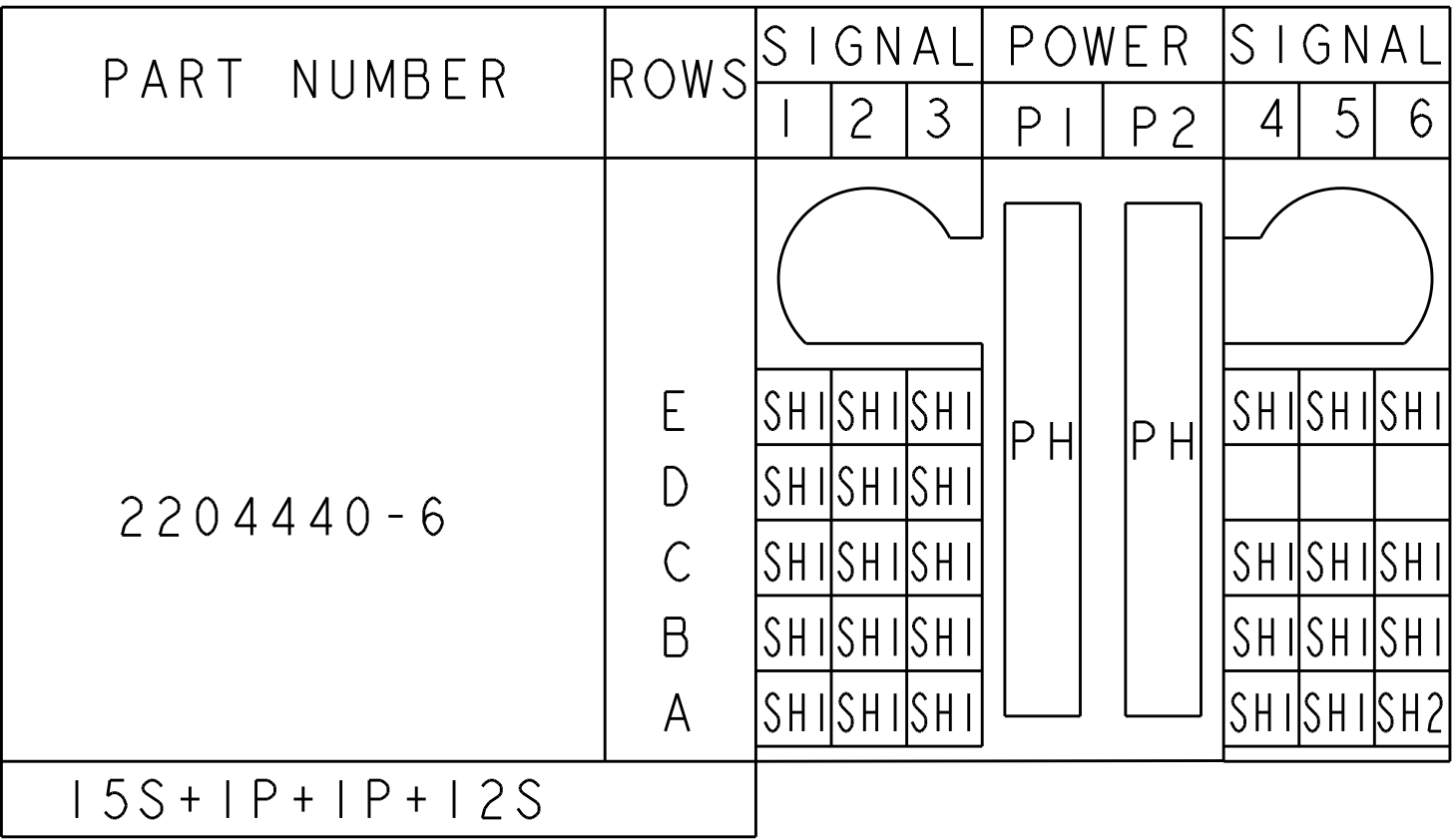
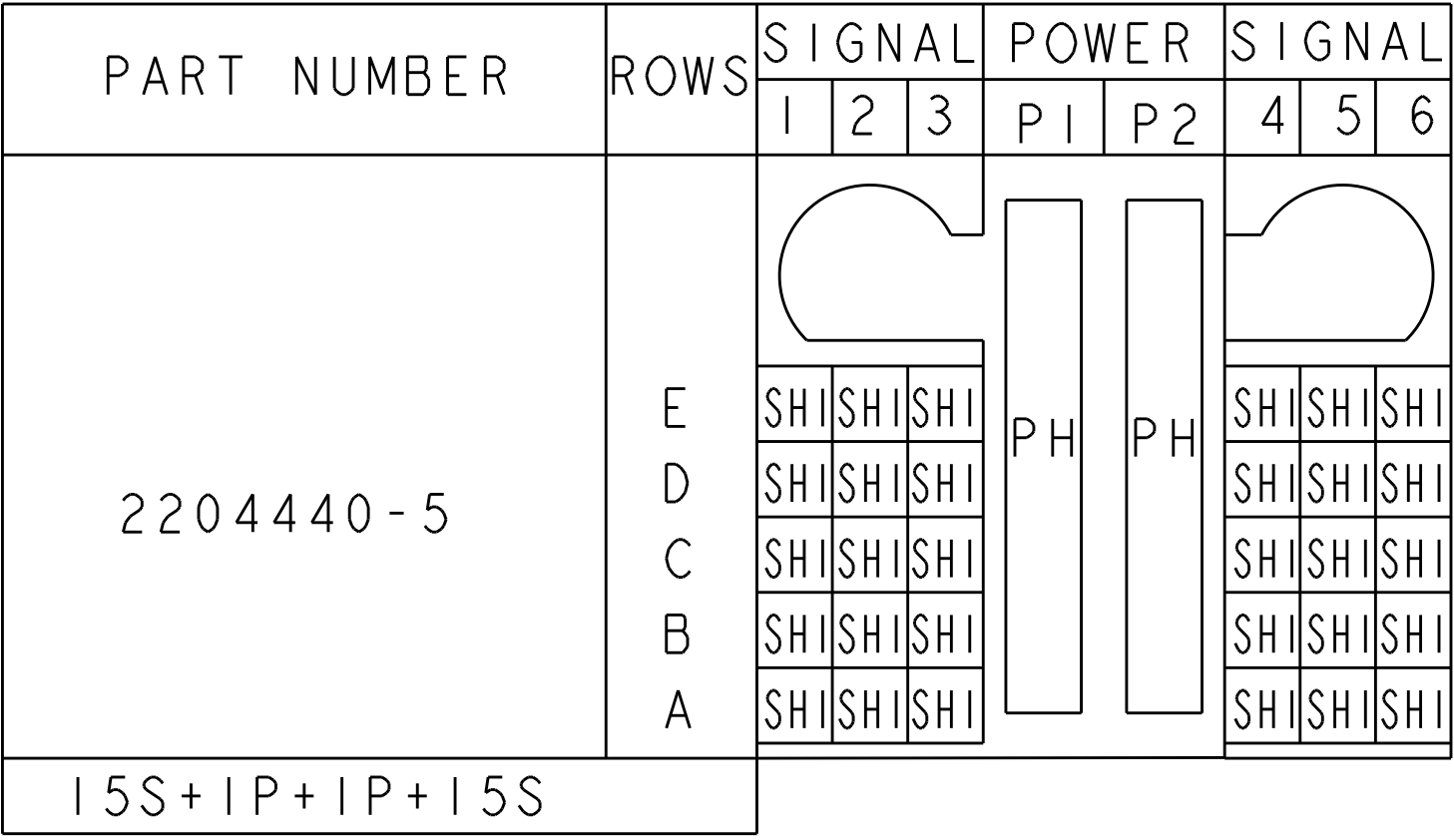


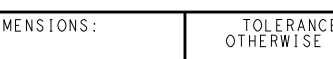
PART NUMBER	ROWS	SIGNAL			POWER												SIGNAL															
		1	2	3	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	4	5	6													
2204440-2																																
	E	SH	SH	SH														SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	
	D	SH	SH	SH														SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH
	C	SH	SH	SH														SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH
	B	SH	SH	SH														SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH
	A	SH	SH	SH														SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH
15S+8P+4HVP+15S																																

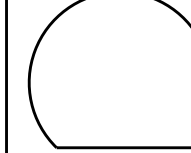
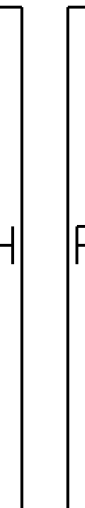
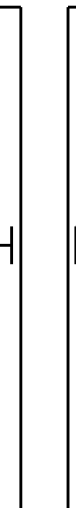
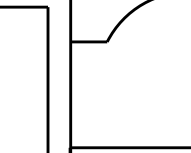


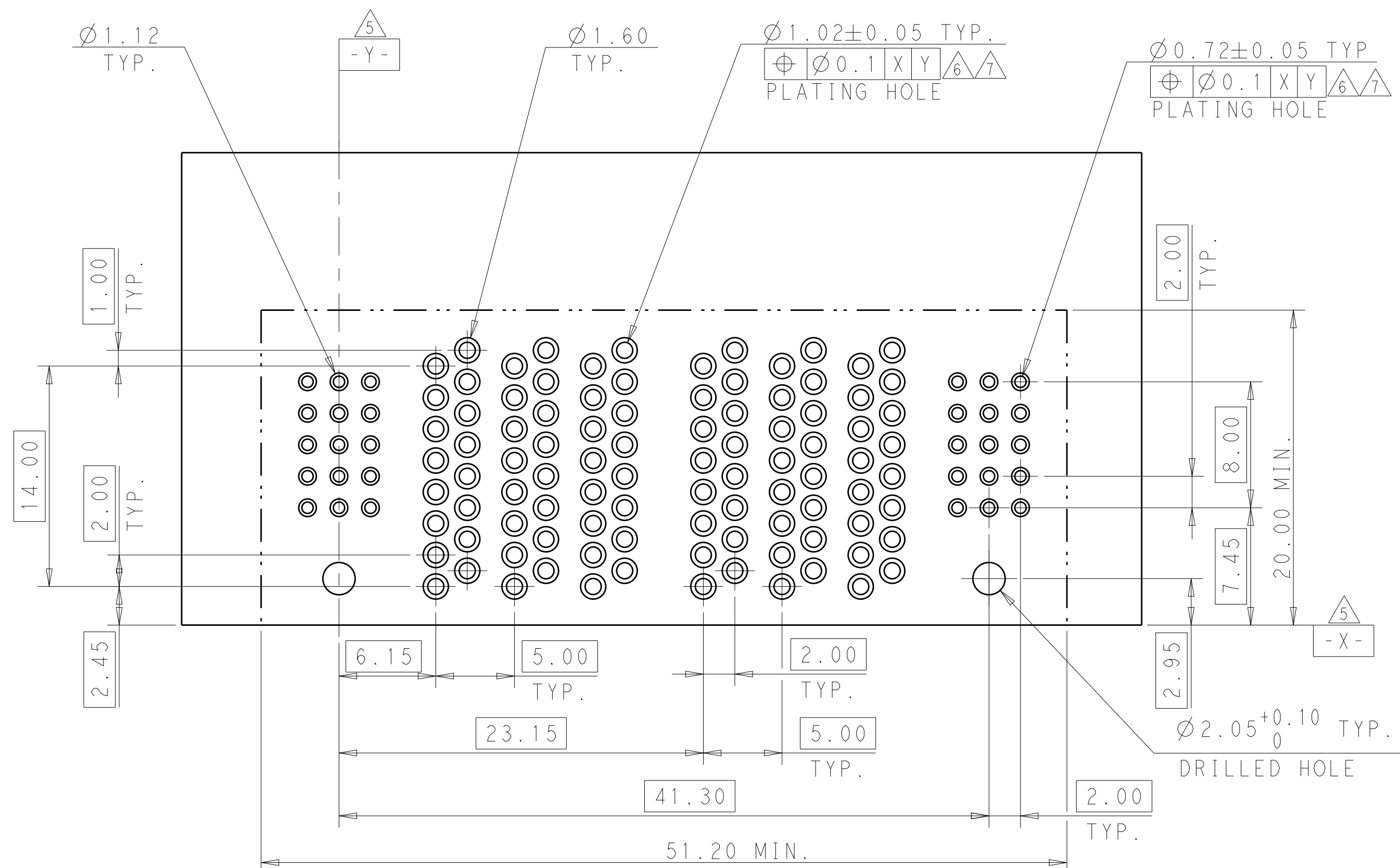
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS_ZHAO 31OCT2012	 TE Connectivity	
DIMENSIONS:		CHK SUNY_ZHAO 31OCT2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SUNY_ZHAO 31OCT2012	NAME Customer Drawing	
	0 PLC ±0.4	PRODUCT SPEC	MULTI-BEAM HD CONNECTOR	
	1 PLC ±0.4	APPLICATION SPEC	R/A PLUG S+P+P+S	
MATERIAL	2 PLC ±0.25	SIZE	A100779C=2204440	
	3 PLC ±0.15	CAGE CODE	DRAWING NO	
	4 PLC ±0.1	WEIGHT	REV A2	
	ANGLES	CUSTOMER DRAWING	RESTRICTED TO	
	FINISH	SCALE 4:1	SHEET 3 OF 7	

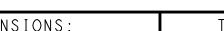




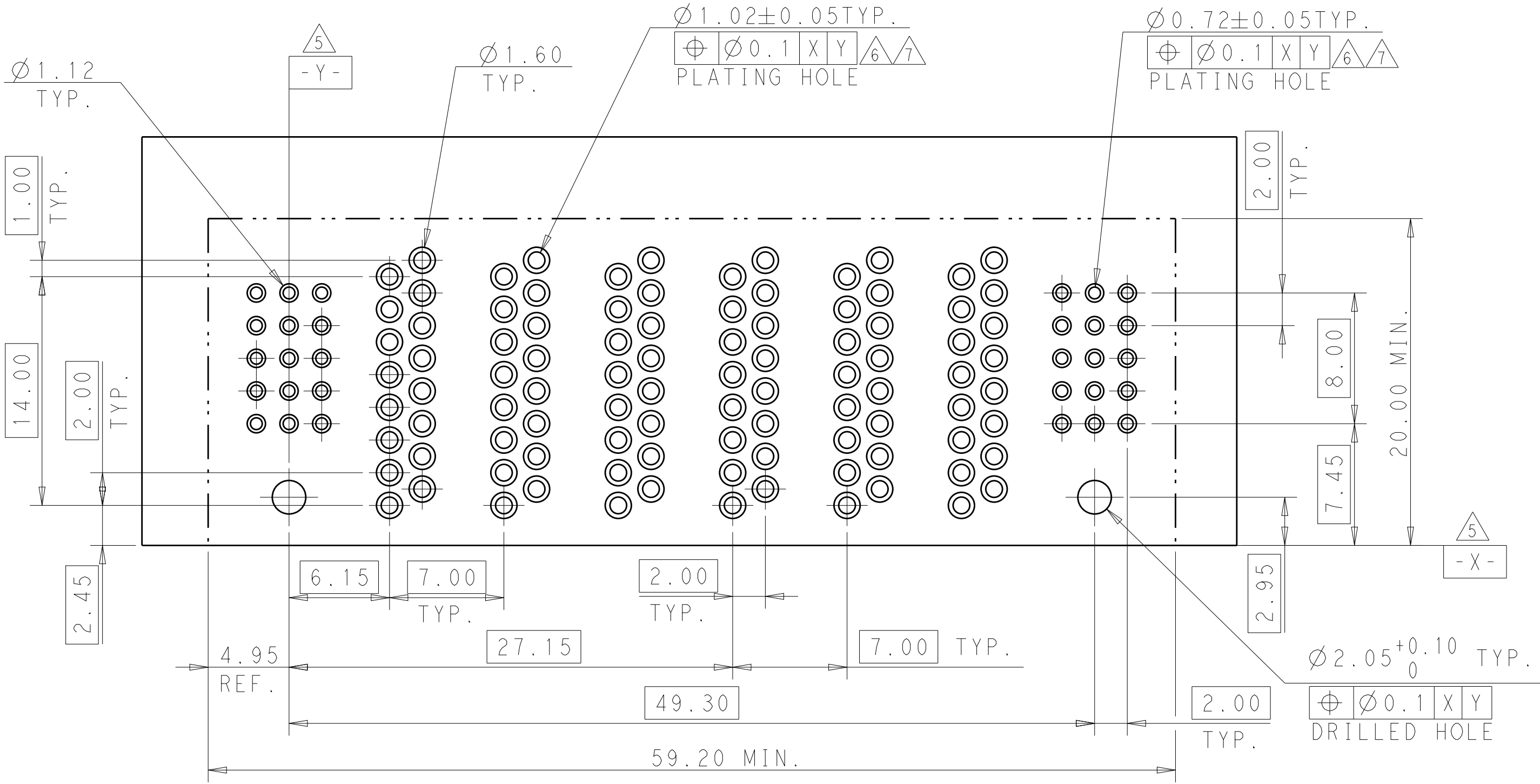
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 310CT2012 CHOMAS_ZHAO		 TE Connectivity	
DIMENSIONS:		CHN 310CT2012 SUNY ZHAO			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 310CT2012 SUNY ZHAO		NAME Customer Drawing	
mm		PRODUCT SPEC		MULTI-BEAM HD CONNECTOR	
		APPLICATION SPEC		R/A PLUG S+P+P+S	
0 PLC ± 1 PLC ±0.4 2 PLC ±0.25 3 PLC ±0.15 4 PLC ± ANGLES ± FINISH		WEIGHT		SIZE CASE CODE DRAWING NO	
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	
-		-		A 100779 ©=2204440	
-		-		SCALE 4:1 SHEET 5 OF 7 REV. A2	

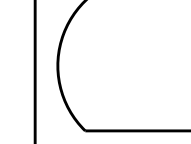
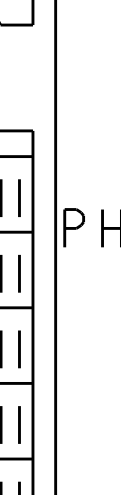
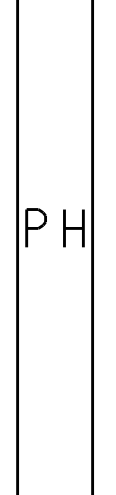
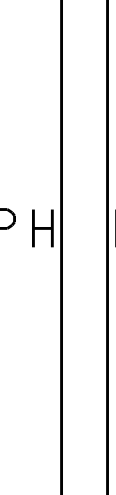
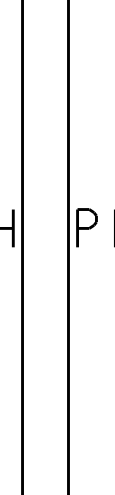
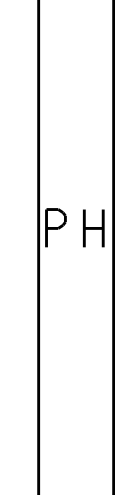
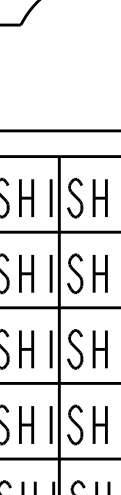
PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL			
		1	2	3	P1	P2	P3	P4	P5	P6	4	5	6	
2204440-8														
	E	SH	SH	SH							SH	SH	SH	SH
	D	SH	SH	SH							SH	SH	SH	SH
	C	SH	SH	SH							SH	SH	SH	SH
	B	SH	SH	SH							SH	SH	SH	SH
	A	SH	SH	SH							SH	SH	SH	SH
15S+3P+3P+15S														

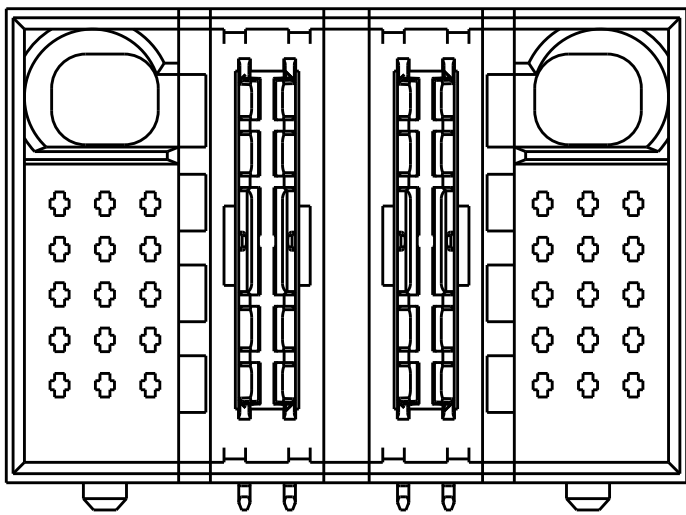
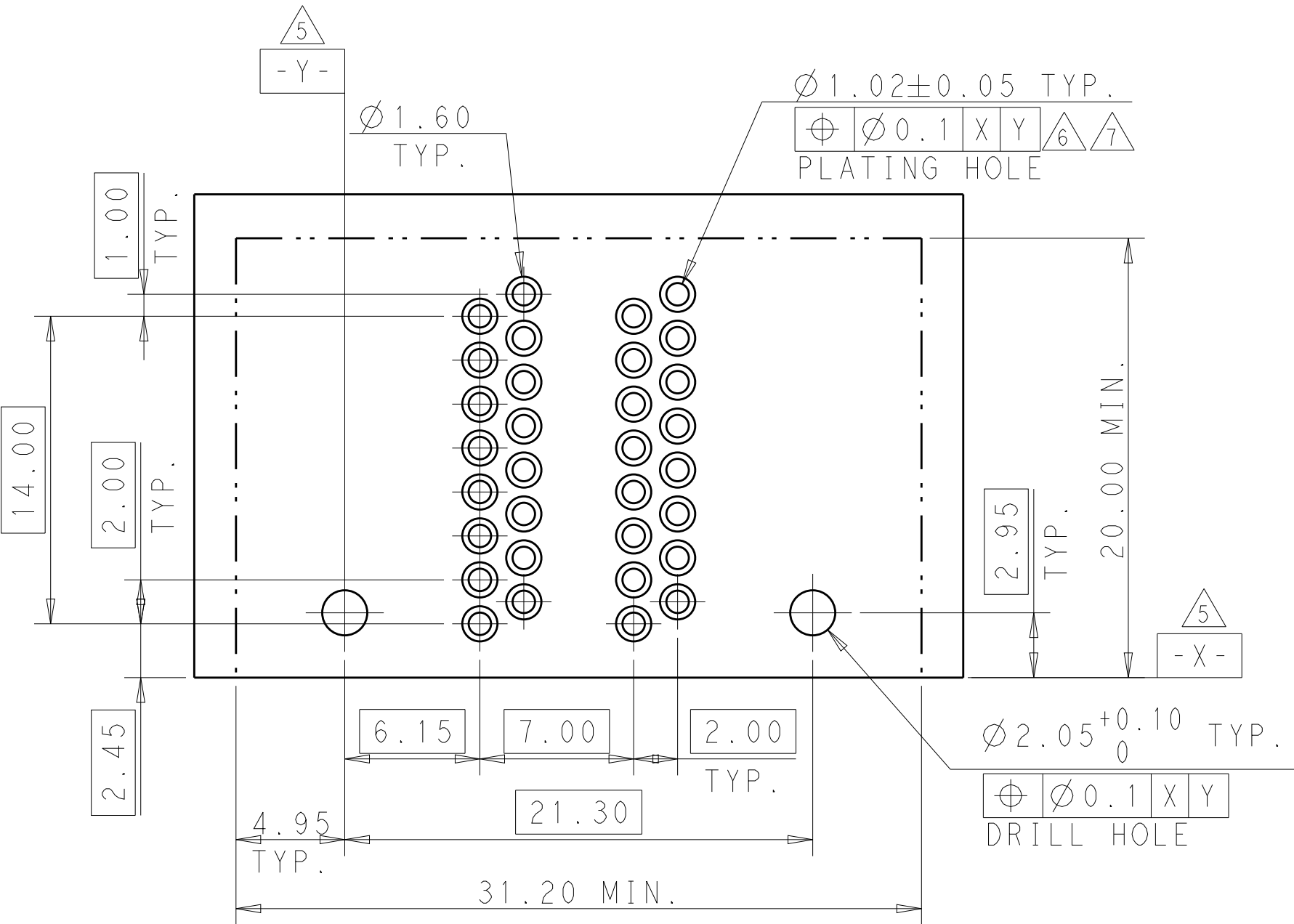


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG THOMAS ZHAO 310CT2012 CHK SUNY ZHAO 310CT2012 APPR SUNY ZHAO 310CT2012		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0 1 PLC ±0.4 2 PLC ±0.25 3 PLC ±0.15 4 PLC ±0.1 ANGLES ±0.5°		NAME Customer Drawing MULTI-BEAM HD CONNECTOR R/A PLUG S+P+P+S	
		PRODUCT SPEC - APPLICATION SPEC -		SIZE A100779	
MATERIAL -		WEIGHT -		CAGE CODE C2204440	
FINISH -		CUSTOMER DRAWING -		RESTRICTED TO -	
		SCALE 4:1		SHEET 6 OF 7	
		REV A2			

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		-		SEE SHEET 1	-	-



PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL		
		1	2	3	P1	P2	P3	P4	P5	P6	4	5	6
2204440-9													
	E												
	D												
	C												
	B												
	A												
15S+3HVP+3HVP+15S													



PART NUMBER	ROWS	POWER	
		P1	P2
1-2204440-0	E		
	D		
	C		
	B		
	A		
0S+1P+1P+0S			

PART NUMBER	ROWS	SIGNAL			POWER						SIGNAL		
		1	2	3	P1	P2	P3	P4	P5	P6	4	5	6
1-2204440-1	E												
	D												
	C												
	B												
	A												
15S+3P+3P+15S													