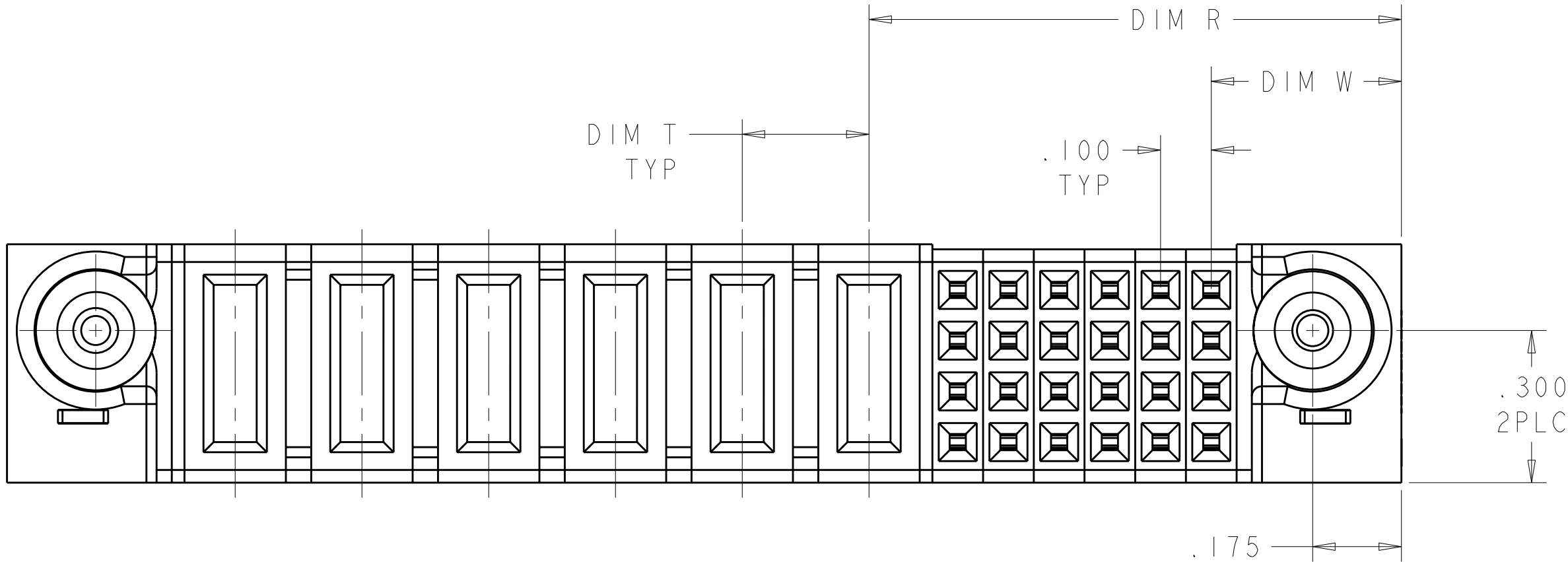
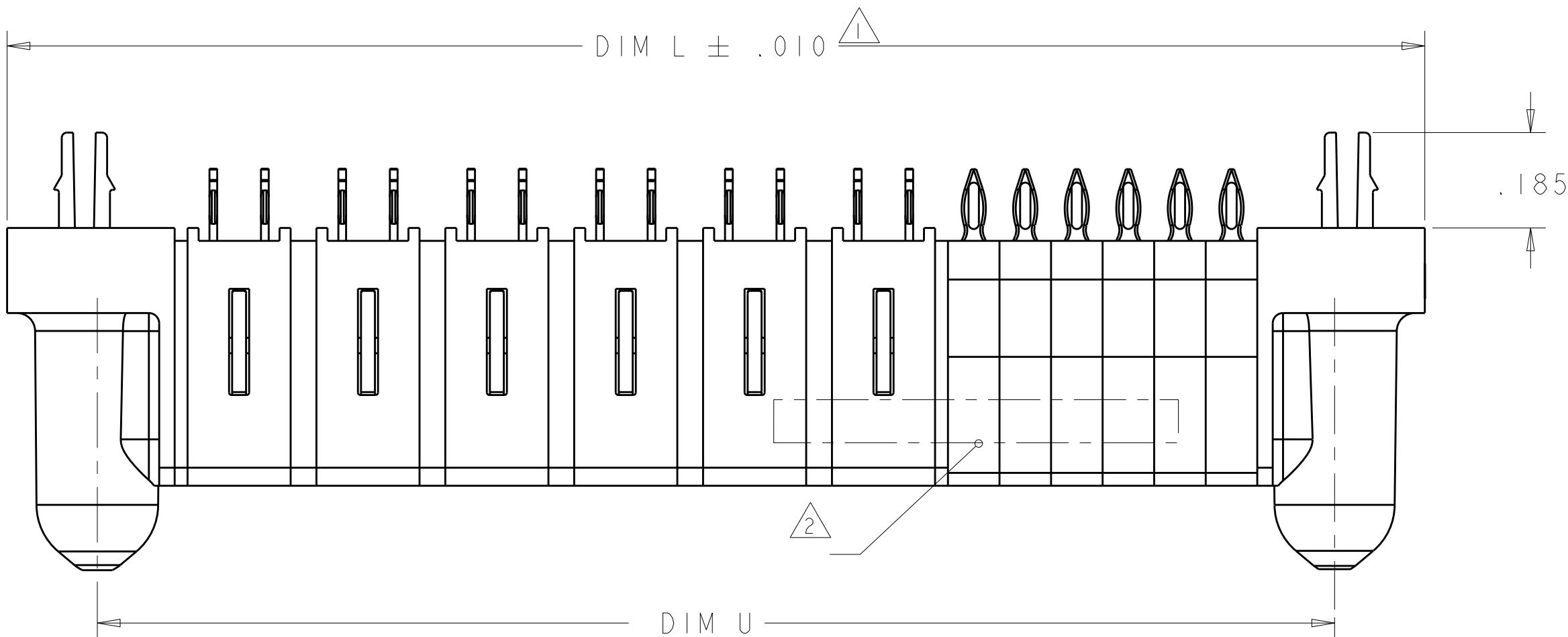
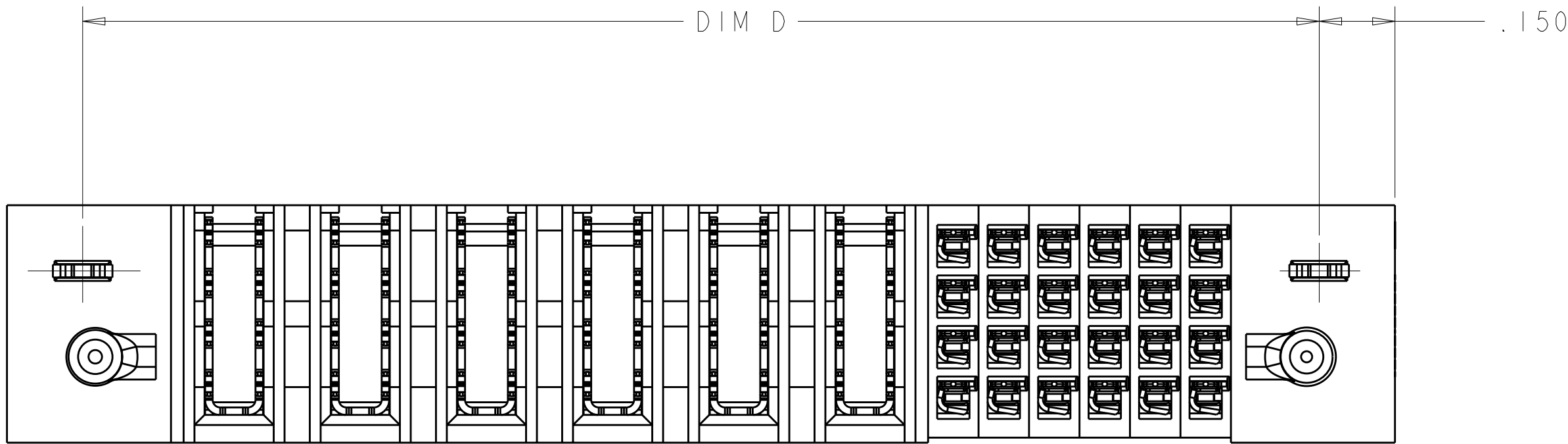


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
C		REV PER ECR-09-013211		10JUN2009	IL	SY	
CI		REV PER ECR-09-015549		10JUL2009	IL	SY	



- 1

THE MAXIMUM OVERALL LENGTH OF A PART IS 8.00.
- 2

PART NUMBER, AND DATE CODE MARKED IN AREA SHOWN.
MARKING ON BOTH SIDES PERMITTED FOR PARTS UNDER 2.00 LONG.
- 3

MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0,BLACK
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4

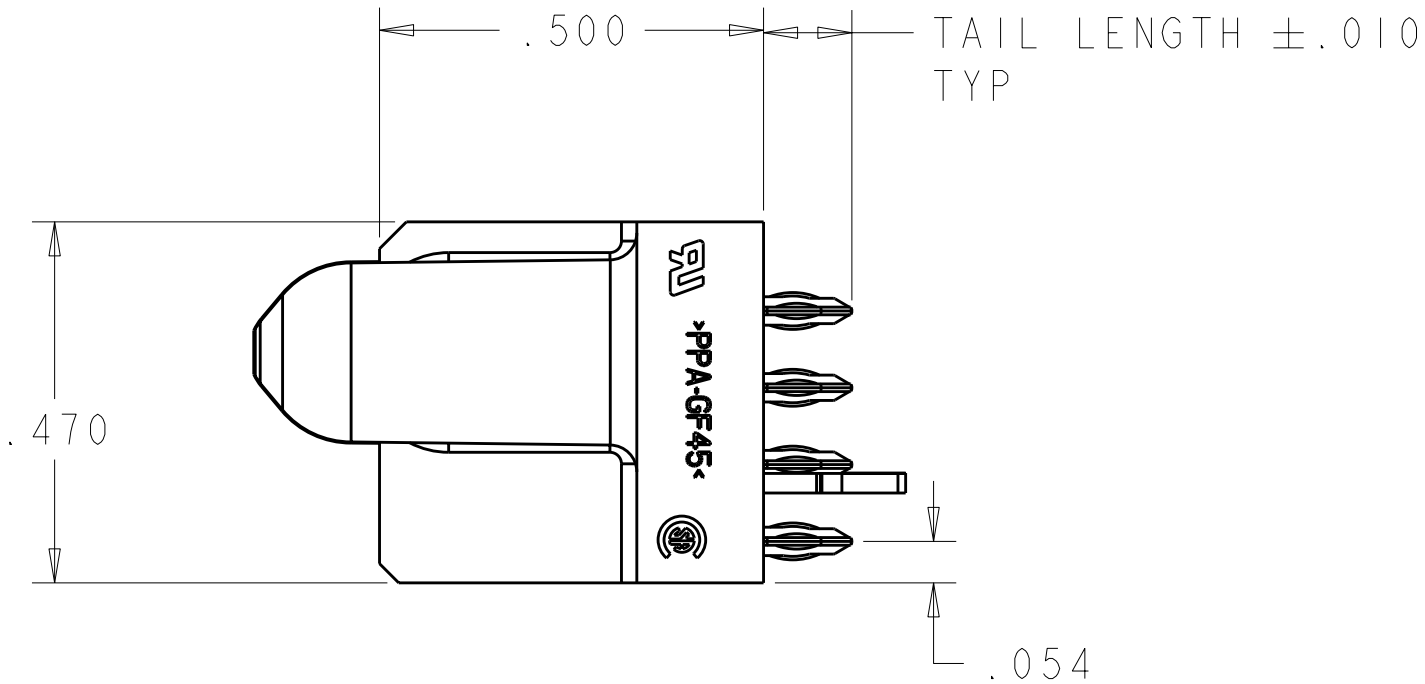
CONTACT PLATING:
SIGNAL CONTACTS - .000050 - .000100 Ni UNDER ALL.
.000030 MIN Au ON CONTACT AREA.
.000100 - .000200 Sn AT PCB INTERFACE.
POWER CONTACTS - .000050 - .000100 Ni UNDER ALL.
.000030 MIN Au ON CONTACT AREA.
.000100 - .000200 Sn AT PCB INTERFACE.
- 5

MECHANICAL CONNECTOR KEEP OUT ZONE.
- 6

DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7

PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 8

PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 HOLE.



2.450	2.400	.250	1.050	.375	2.750	24S + 6P	6450551-7
3.000	2.950	.200	1.050	.375	3.300	24S + 10HDP	6450551-6
4.650	4.600	.250	1.250	.375	4.950	32S + 14P	6450551-5
3.375	3.325	.200	1.050	.375	3.675	24S + 12HDP	6450551-4
2.450	2.400	.250	1.050	.375	2.750	24S + 6P	6450551-1
D	U	T	R	W	L	DESCRIPTION	PART NUMBER
DIMENSIONS: INCHES				TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN LESSON, L1 02AUG2007 CHK SUNNY, ZHAO 02AUG2007	
0 PLC ±.1 1 PLC ±.02 2 PLC ±.005 3 PLC ±.0005 4 PLC ±.0005 ANGLES ±				PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		NAME Tyco Electronics Corporation Shanghai, P.R.China.200233	
MATERIAL 3				FINISH 4		RESTRICTED TO	
CUSTOMER DRAWING				SCALE 2:1		SHEET 1 OF 5	

Technical drawing of a mechanical part, showing a top view. The drawing includes a grid of holes and various dimension lines and callouts.

Key dimensions and features:

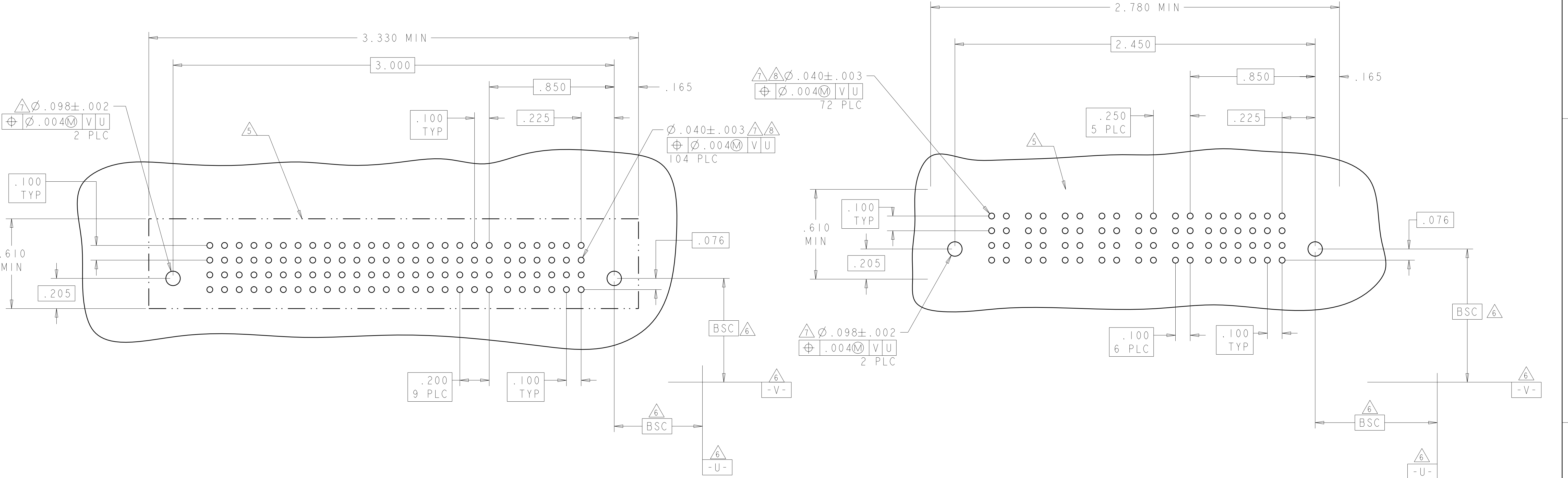
- Overall width: 3.705 MIN
- Overall height: 6.10 MIN
- Internal width: 3.375
- Internal height: .165
- Grid of holes: 120 holes (10 rows by 12 columns)
- Grid hole diameter: $\varnothing .040 \pm .003$ (Feature 7)
- Grid hole position: $\varnothing .004$ (Feature 8)
- Grid hole tolerance: $\pm .003$
- Grid hole material: V (Feature 9)
- Grid hole finish: U (Feature 10)
- Grid hole count: 120 PLC
- Grid hole diameter: $\varnothing .098 \pm .002$ (Feature 11)
- Grid hole position: $\varnothing .004$ (Feature 12)
- Grid hole tolerance: $\pm .002$
- Grid hole material: V (Feature 13)
- Grid hole finish: U (Feature 14)
- Grid hole count: 2 PLC
- Grid hole diameter: .100 TYP.
- Grid hole position: .850
- Grid hole tolerance: .225
- Grid hole material: .100
- Grid hole finish: 3 PLC
- Grid hole count: 11 PLC
- Grid hole position: .200
- Grid hole tolerance: .100
- Grid hole material: 5 PLC
- Grid hole finish: .205
- Grid hole position: .076
- Grid hole tolerance: BSC
- Grid hole material: -V-
- Grid hole finish: -U-

ANP 4805 REV 31MAR2000

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

PART NUMBER	ROWS		POWER										SIGNAL								
			P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1			
6450551-6	D C B A		GS	GS	GP	GP	GP	GP	GP	GS	GS	GS	AP	AP	AP	AP	AP	AP			
													AP	AP	AP	AP	AP	AP		AP	AP
													AP	AP	AP	AP	AP	AP		AP	AP
													AP	AP	AP	AP	AP	AP		AP	AP
24S + 10HDP			HD																HD		

PART NUMBER	ROWS		POWER						SIGNAL						
			P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	
6450551-7	D C B A							AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
								AP	AP	AP	AP	AP	AP		
24S + 6P			HD												



DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN LESSON, L.I. 02AUG2007		CHK SUNNY, ZHAO 02AUG2007		APVD STEVEN, YAO		NAME STEVEN, YAO		Tyco Electronics Corporation Shanghai, P.R.China.200233	
0 PLC ±.1		1 PLC ±.02		2 PLC ±.02		3 PLC ±.005		4 PLC ±.0005		5 PLC ±.0005		6 PLC ±.0005	
MATERIAL -		FINISH -		WEIGHT -		CUSTOMER DRAWING		SCALE 2:1		SHEET 5		OF 5	
RESTRICTED TO -		SIZE A		CAGE CODE 100779		DRAWING NO C=6450551		REV C		DATE -		DWN -	