

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		B1	PER REV ECR-13-004638	20MAR2013	ML	SZ

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

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

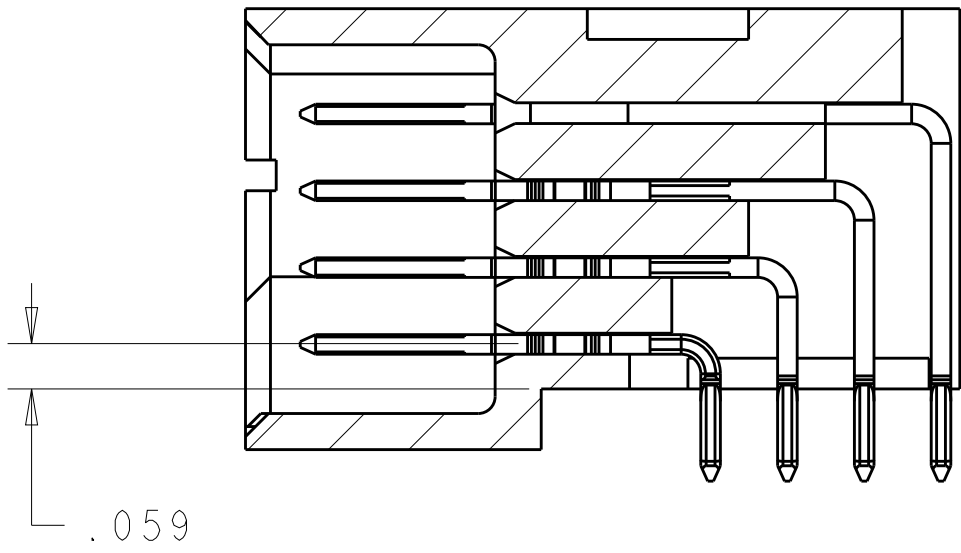
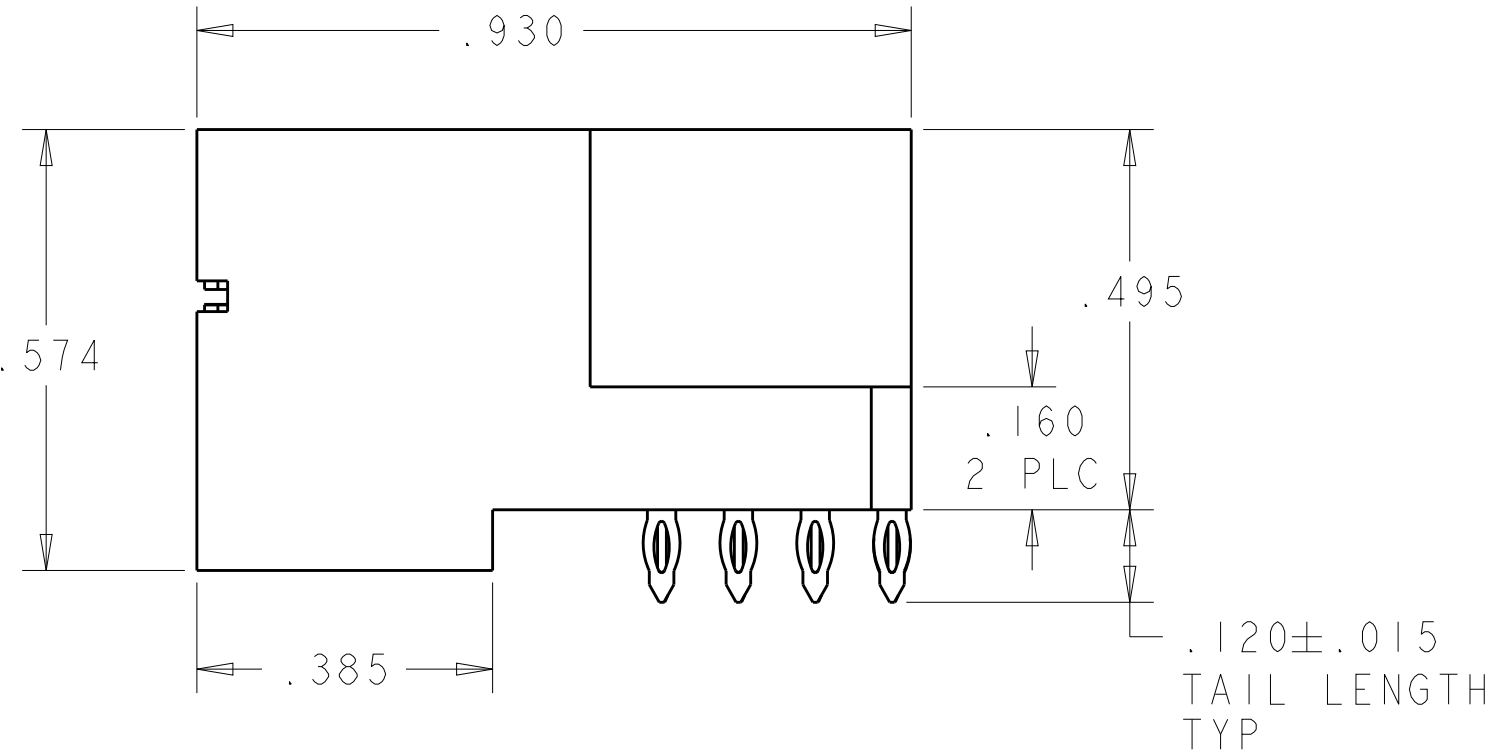
3 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
OF POWER AND SIGNAL CONTACTS

4 MECHANICAL CONNECTOR KEEP OUT ZONE.

5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

6 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

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

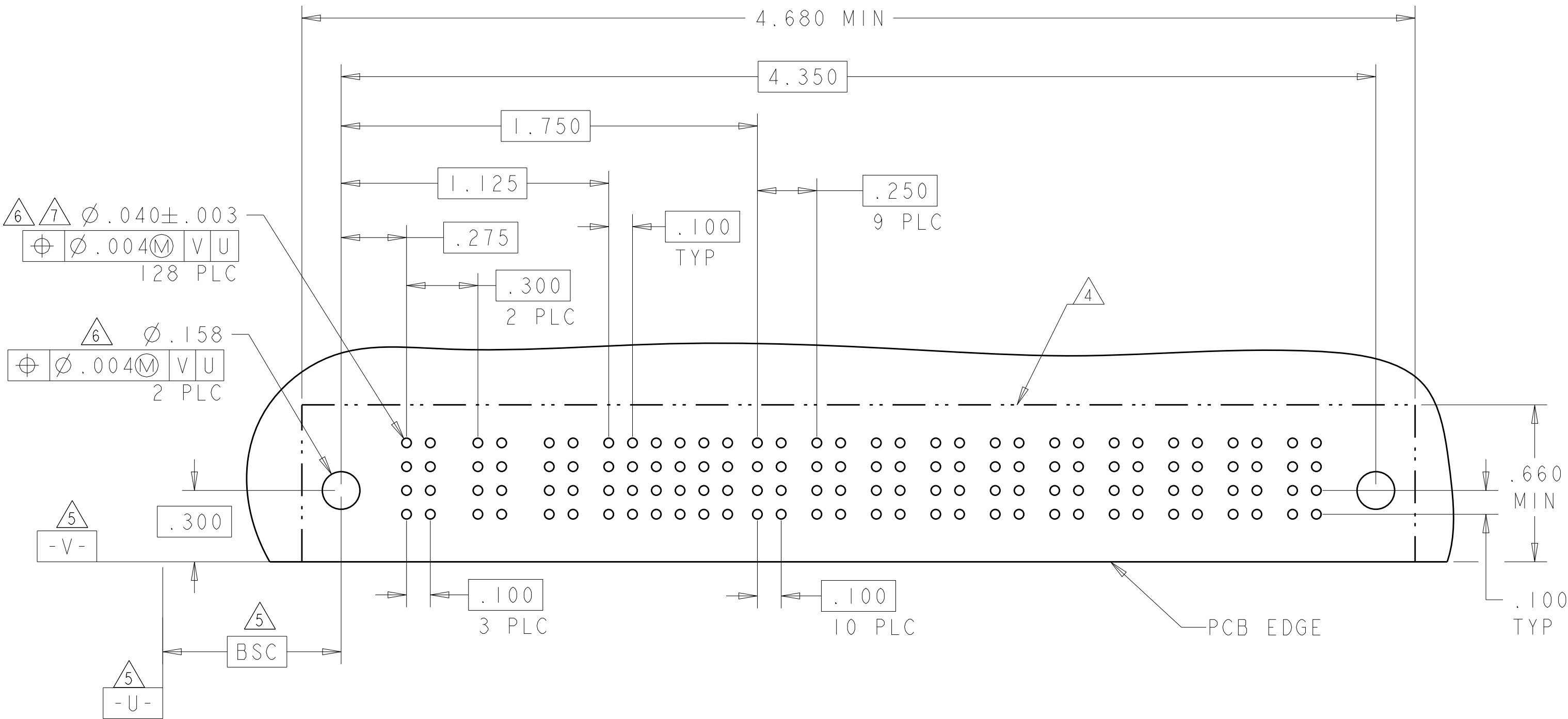


SECTION Z-Z
SCALE 4:1

1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	6450630-3
4.450	.350	.250	2.100	1.425	4.500	-	4.800	.475	3ACP + 24S + 10P	6450630-2
4.000	.250	.250	2.650	1.675	4.050	2.225	4.350	.450	5P + 24S + 1M + 6P	6450630-1
U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

TYPICAL DIMENSIONS TO CENTERLINE FOR THE FOLLOWING DIMENSIONS TYPICAL DIMENSIONS TO CENTERLINE FOR THE FOLLOWING DIMENSIONS TYPICAL DIMENSIONS TO CENTERLINE FOR THE FOLLOWING DIMENSIONS		DWN D. ZHU CHK S. ZHAO APVD S. YAO	26APR2007 4SEP2006	Tyco Electronics Corporation Shanghai, P.R.China, 200233	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		±.01 ±.01 ±.005 ±.0020 #2°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL		WEIGHT		SIZE A100779	
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 2	

PART NUMBER	ROWS		POWER			SIGNAL						POWER										
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	
6450630-2	D C B A			PT	PT	PT	Z5	Z5	Z5	Z5	Z5	Z5	PT	PT	PT	PT	PT	PT	PT	PT	PT	
							Y5	Y5	Y5	Y5	Y5	Y5										
							R5	R5	R5	R5	R5	R5										
							O1	O5	O5	O5	O5	O5										
3ACP + 24S + 10P																						



Z1	MLBF	D
Y1	MLBF	C
R1	MLBF	B
O1	MLBF	A
Z5	STD	D
Y5	STD	C
R5	STD	B
O5	STD	A
CODE	MATING SEQUENCE	ROW
SIGNAL		

