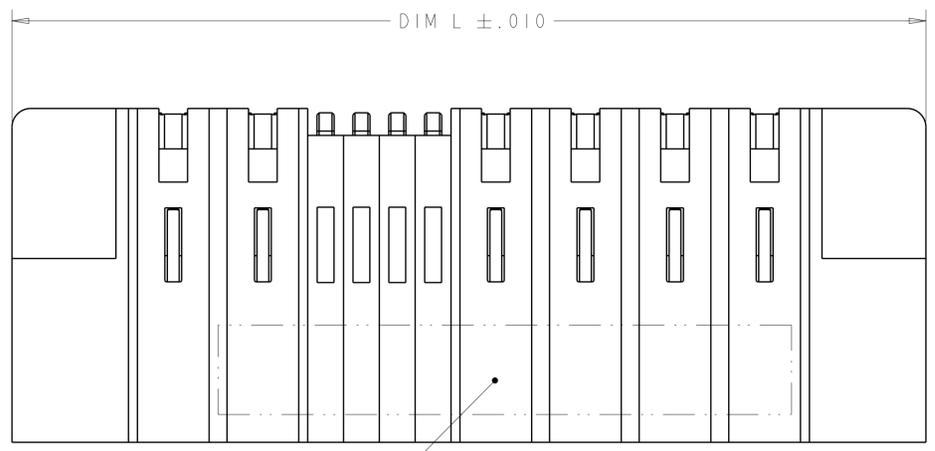
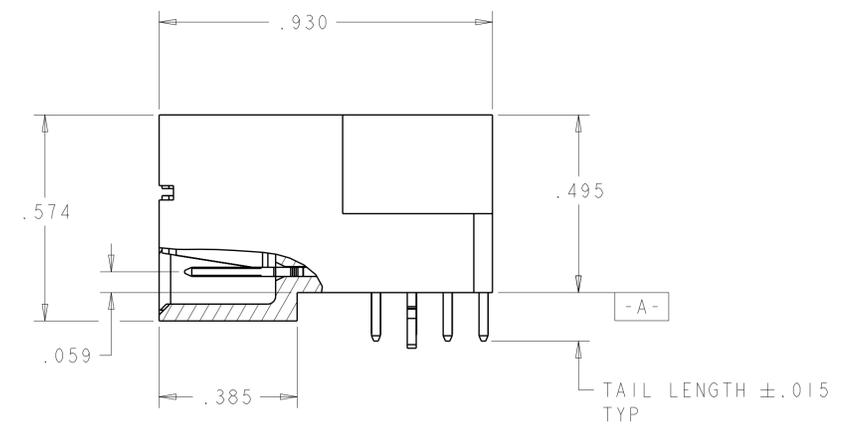
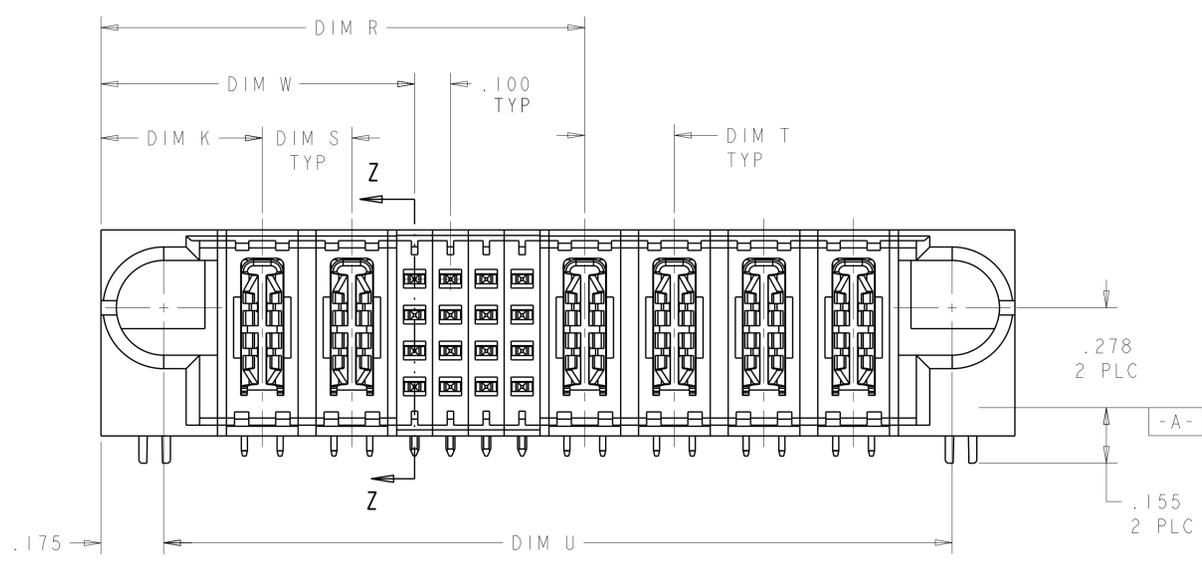


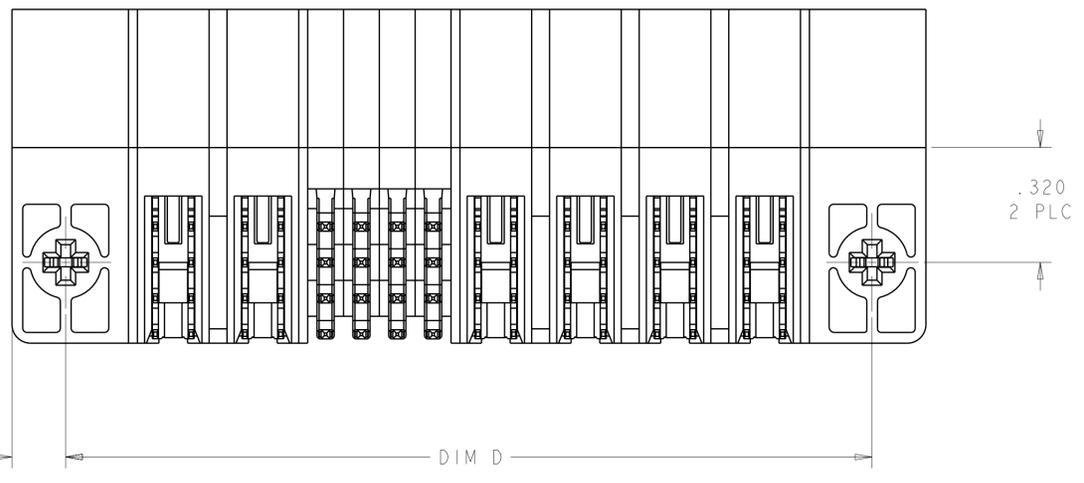
LOC	DIST	REV	DATE	BY	APPD
ES	00				
REVISIONS					
		DESCRIPTION	DATE	DWN	APVD
A		REV PER ECR-07-016848	19JUL2007	CZ	SY
B		REV PER ECR-08-011412	06MAY2008	TY	SY
BI		ADDED NEW DASH NUMBER	13JUN2008	VO	SY
C		REV PER ECR-08-015036	08JUL2008	VO	SY



- 1 PART NUMBER, AND DATE CODE MARKED IN AREA SHOWN.
- 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:
 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.
- 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.
- 8 NOT RELEASED FOR PRODUCTION.



SECTION Z-Z

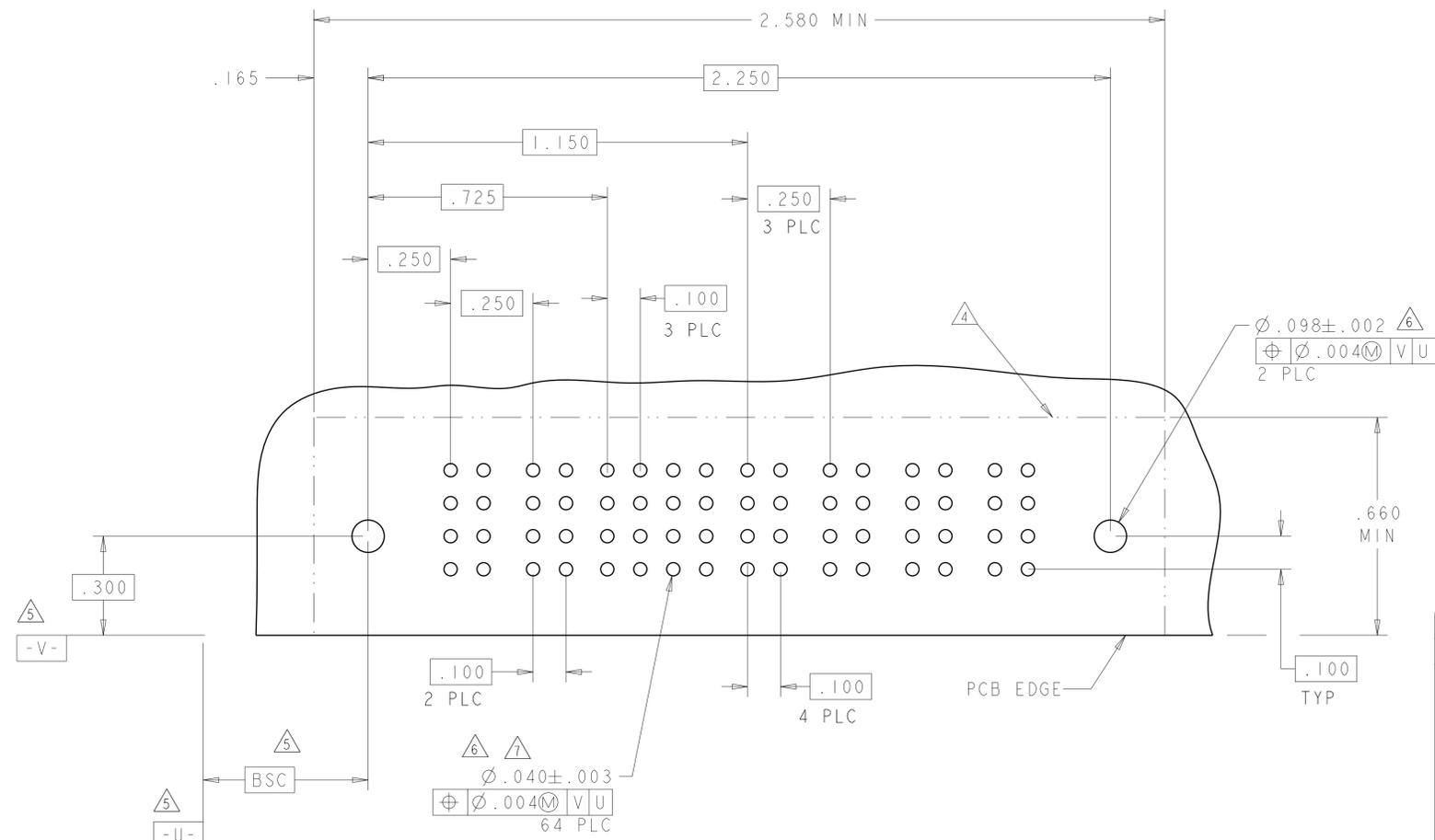


.250	.250	1.550	0.875	2.250	1.900	1.950	.450	2P + 24S + 2P	1888114-4
.250	.250	1.350	.875	2.550	2.200	2.250	.450	2P + 16S + 4P	1888114-3
.250	.250	1.800	1.125	2.500	2.150	2.200	.450	3P + 24S + 2P	1888114-2
.250	.250	1.350	.875	2.550	2.200	2.250	.450	2P + 16S + 4P	1888114-1
DIM S	DIM T	DIM R	DIM W	DIM L	DIM U	DIM D	DIM K	DESCRIPTION	PART NUMBER

DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN: C.ZHOU 19JUL2007		CHK: C.ZHOU 19JUL2007		Tyco Electronics Corporation Shanghai, P.R.China, 200233	
9 PLC ±.01		2 PLC ±.01		NAME: S. YAO		PRODUCT SPEC: 108-1973		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
5 PLC ±.005		4 PLC ±.0020		APPLICATION SPEC: 114-13038		SIZE: CAGE CODE: DRAWING NO: A100779C=1888114		RESTRICTED TO: -	
MATERIAL:		FINISH:		WEIGHT: -		CUSTOMER DRAWING		SCALE: 4:1 SHEET 1 OF 5 REV C	

LOC	DIST	REV	DATE	BY	APPD
ES	00				
REVISIONS			DESCRIPTION	DATE	DWN
			SEE SHEET 1		

PART NUMBER	ROWS	POWER		SIGNAL				POWER			
		P1	P2	1	2	3	4	P3	P4	P5	P6
1888114-1	D	PM	PM	J	J	J	J	PM	PM	PM	PM
	C			K	K	K	K				
	B			FN	FN	FN	FN				
	A			S	S	S	S				
2P + 16S + 4P		HD						HD			

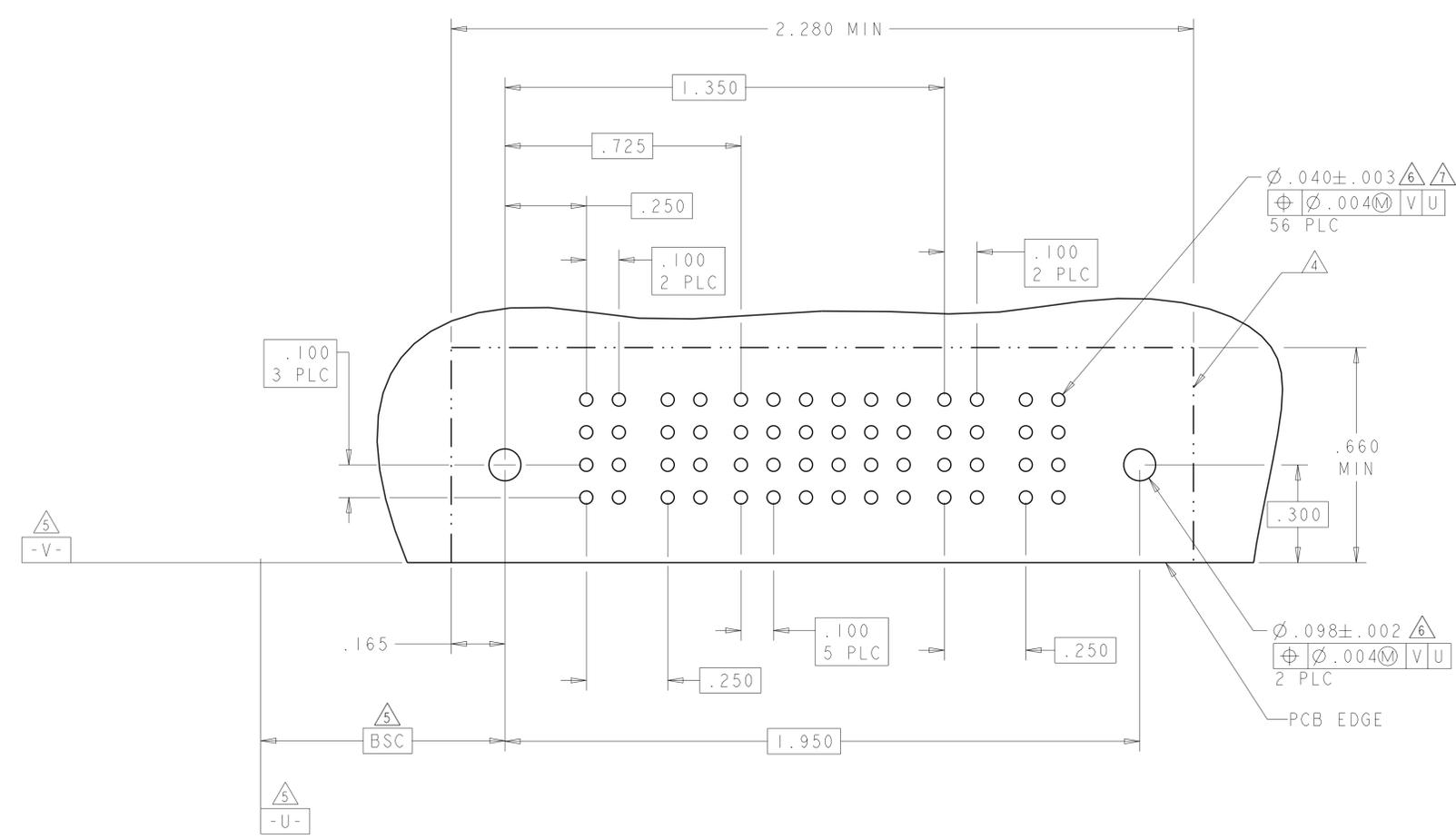


ROW	DESCRIPTION	CODE
D	SIGNAL CONTACT, MFBL .135 TAIL LENGTH	FJ
C	SIGNAL CONTACT, MFBL .135 TAIL LENGTH	FK
B	SIGNAL CONTACT, MFBL .135 TAIL LENGTH	FN
A	SIGNAL CONTACT, MFBL .135 TAIL LENGTH	FS
D	SIGNAL CONTACT, MLBF .135 TAIL LENGTH	E
C	SIGNAL CONTACT, MLBF .135 TAIL LENGTH	F
B	SIGNAL CONTACT, MLBF .135 TAIL LENGTH	G
A	SIGNAL CONTACT, MLBF .135 TAIL LENGTH	H
D	SIGNAL CONTACT, STD .135 TAIL LENGTH	J
C	SIGNAL CONTACT, STD .135 TAIL LENGTH	K
B	SIGNAL CONTACT, STD .135 TAIL LENGTH	N
A	SIGNAL CONTACT, STD .135 TAIL LENGTH	S
-	POWER CONTACT .135 TAIL LENGTH	PM

DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 8 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.0°		DWN C. ZHOU 19 JUL 2007 CHK C. ZHOU 19 JUL 2007 APVD S. YAO NAME S. YAO PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		Tyco Electronics Tyco Electronics Incorporation Shanghai, P.R.China, 200233 RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE CAGE CODE DRAWING NO A100779C=1888114 SCALE 4:1 SHEET 2 OF 5 REV C	
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LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P1	P2	1	2	3	4	5	6	P3	P4	
1888114-4	D	PM	PM	F	J	J	J	J	J	PM	PM	
	C			F	K	K	K	K	K			
	B			N	N	N	N	N	F			N
	A			S	S	H	S	S	F			S
2P + 24S + 2P		HD	HD							HD	HD	



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		Tyco Electronics	
INCHES	9 PLC ±	10 PLC ±.01	11 PLC ±.01	C. ZHOU	19 JUL 2007	Tyco Electronics Corporation	
	12 PLC ±.01	13 PLC ±.01	14 PLC ±.01	C. ZHOU	19 JUL 2007	Shanghai, P.R.China. 200233	
	15 PLC ±.005	16 PLC ±.005	17 PLC ±.005	NAME		RIGHT ANGLE HEADER ASSEMBLY	
	18 PLC ±.0020	19 PLC ±.0020	20 PLC ±.0020	PRODUCT SPEC		W/GUIDES	
	ANGLES	FINISH	FINISH	APPLICATION SPEC		MULTI-BEAM XL	
MATERIAL	FINISH	FINISH	FINISH	114-13038	SIZE	CAGE CODE	DRAWING NO
				114-13038	A100779	C=1888114	RESTRICTED TO
				WEIGHT	CUSTOMER DRAWING		SCALE
					4:1	SHEET	5 OF 5
						REV	C