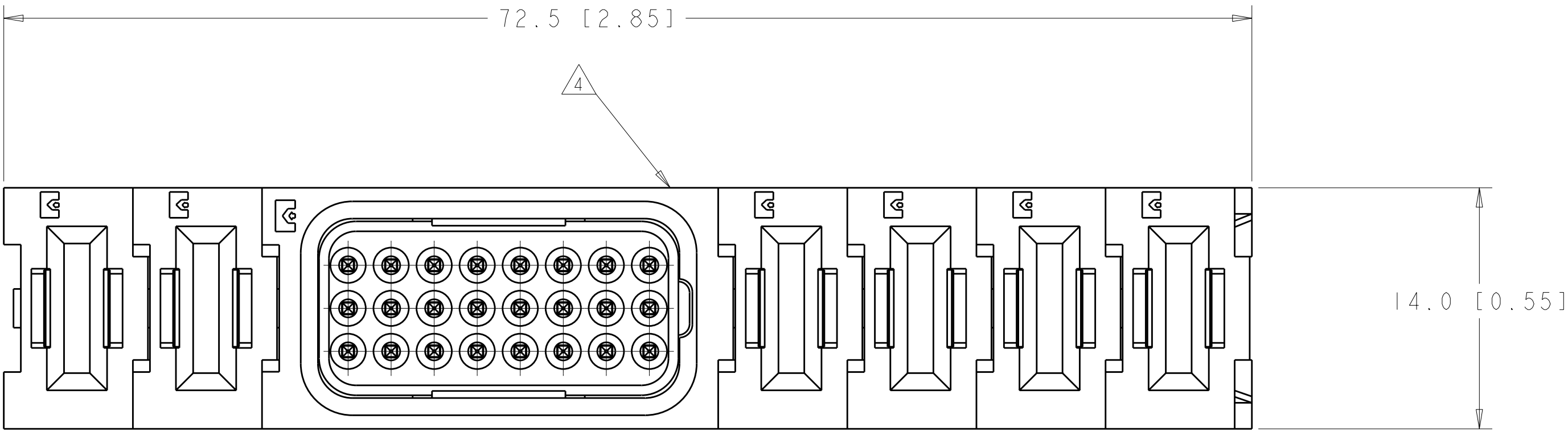


LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED	18SEP2006	RG	DO
		B		REV PER ECO-11-020831	13SEP2011	RG	MS

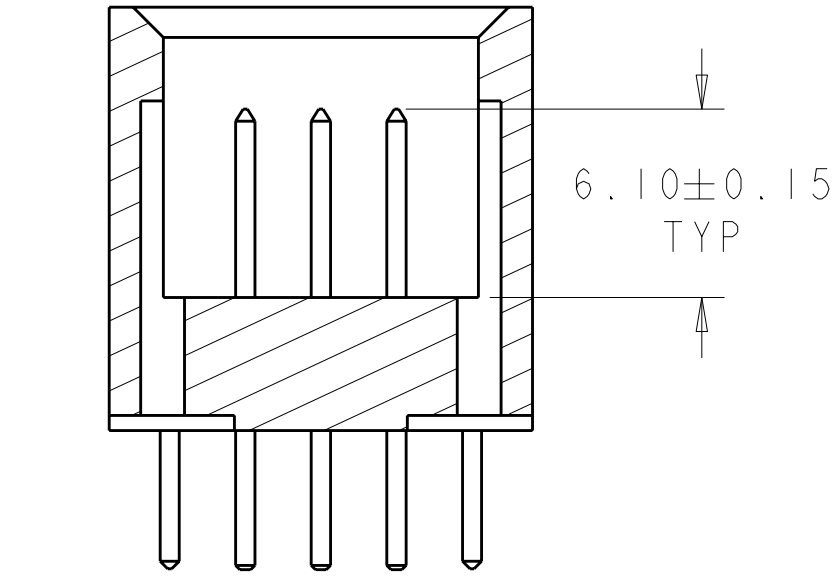
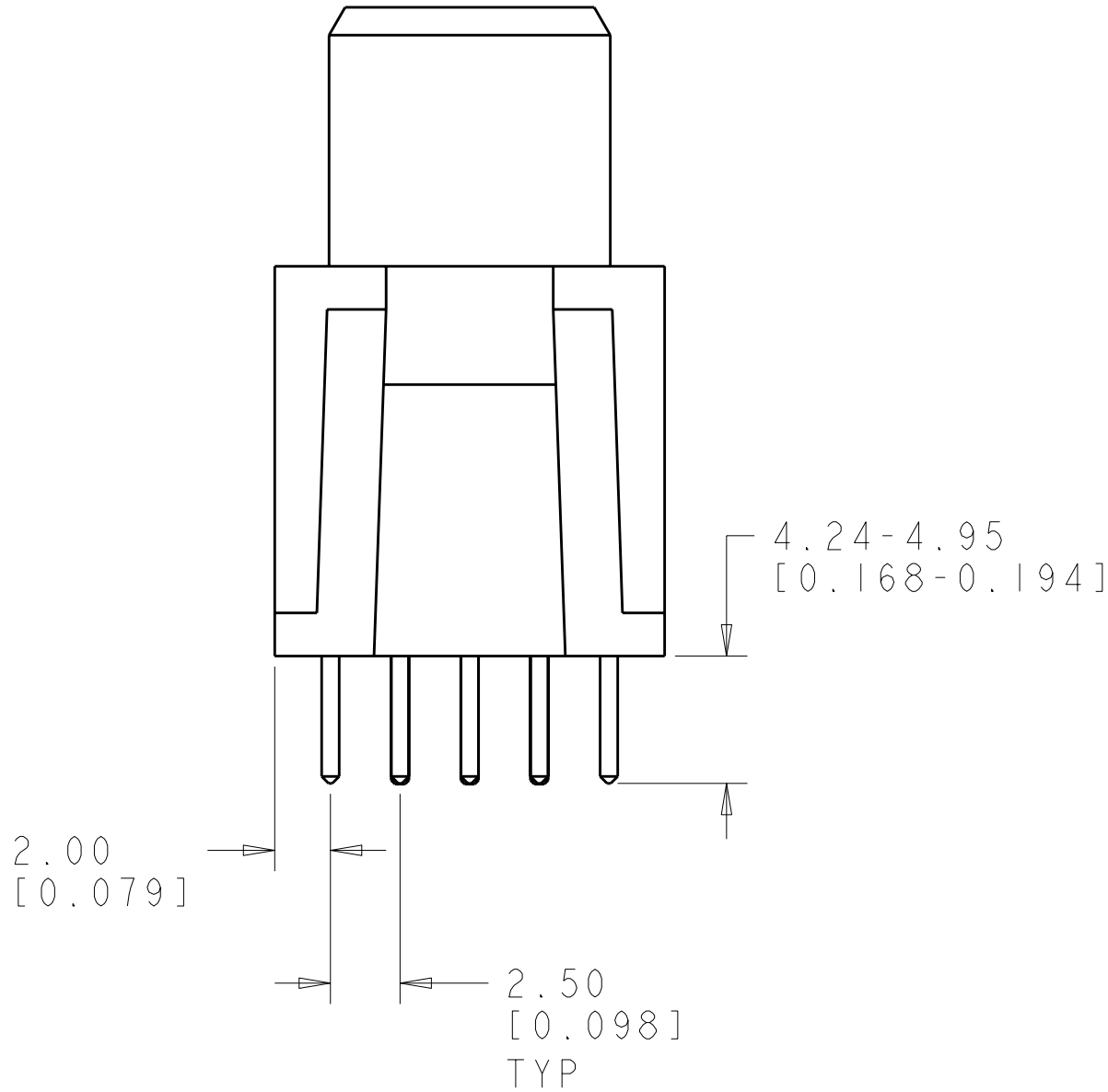
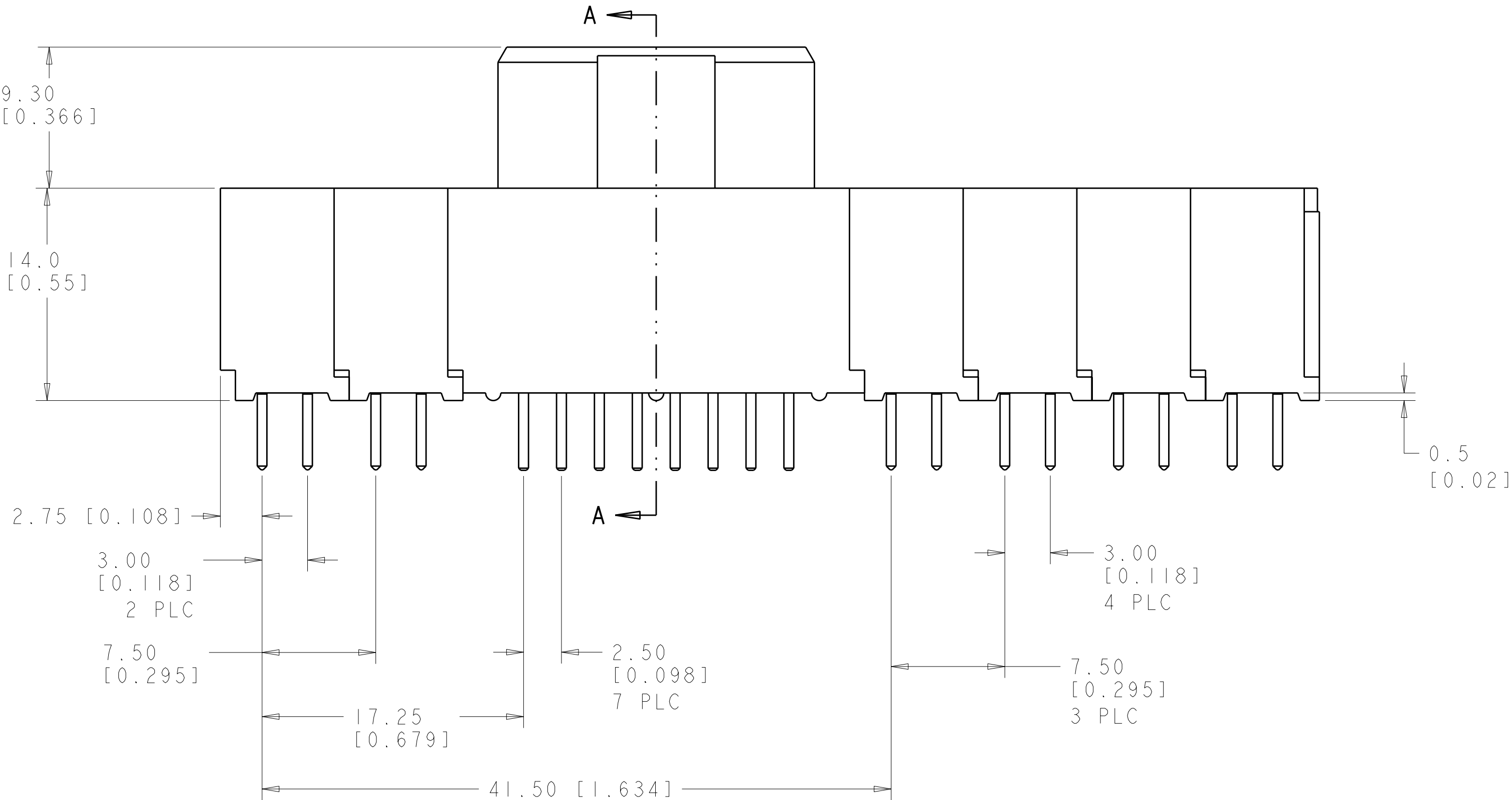


1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
3. FINISH:
CONTACTS - GOLD PLATE .000030 INCH MIN. THK., OVER NICKEL
.000050 INCH MIN. THK
SOLDER TAILS, TIN .000100 INCH MIN. THK.
OVER NICKEL .000050 MIN THK.

4 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

TYCO PART NO.
XXXXXXX-X

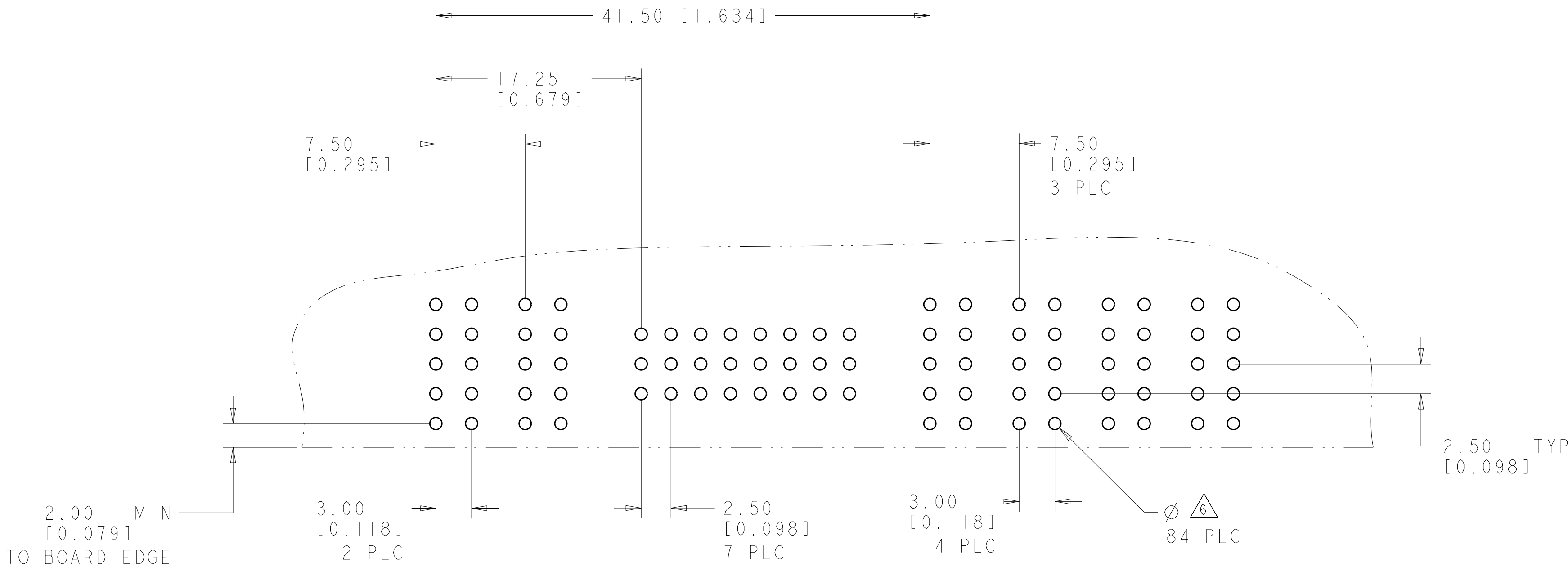
DATE CODE (e.g. 0106)
YEAR WEEK
XXXX



SECTION A-A
GENDER CHANGER REMOVED
FOR CLARITY

AS SHOWN		6646314-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.3 1 PLC ±0.15 2 PLC ±.15 3 PLC ±.15 4 PLC ±.15 ANGLES ±.5 FINISH -	
MATERIAL -		WEIGHT -	
CUSTOMER DRAWING		SCALE 3:1 SHEET 1 OF 3 REV B	
DWN R.GRZYBOWSKI 18SEPT06 CHK P.DAMATO 18SEPT06 APVD S.CLICKINGER 18SEPT06		NAME STRAIGHT SOCKET CONNECTOR SOLDER TAILS	
PRODUCT SPEC -		SIZE CAGE CODE DRAWING NO. A100779C=6646314	
APPLICATION SPEC -		RESTRICTED TO -	
Tyco Electronics Harrisburg, PA 17105-3608		Tyco Electronics Harrisburg, PA 17105-3608	

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET I	-	-	-

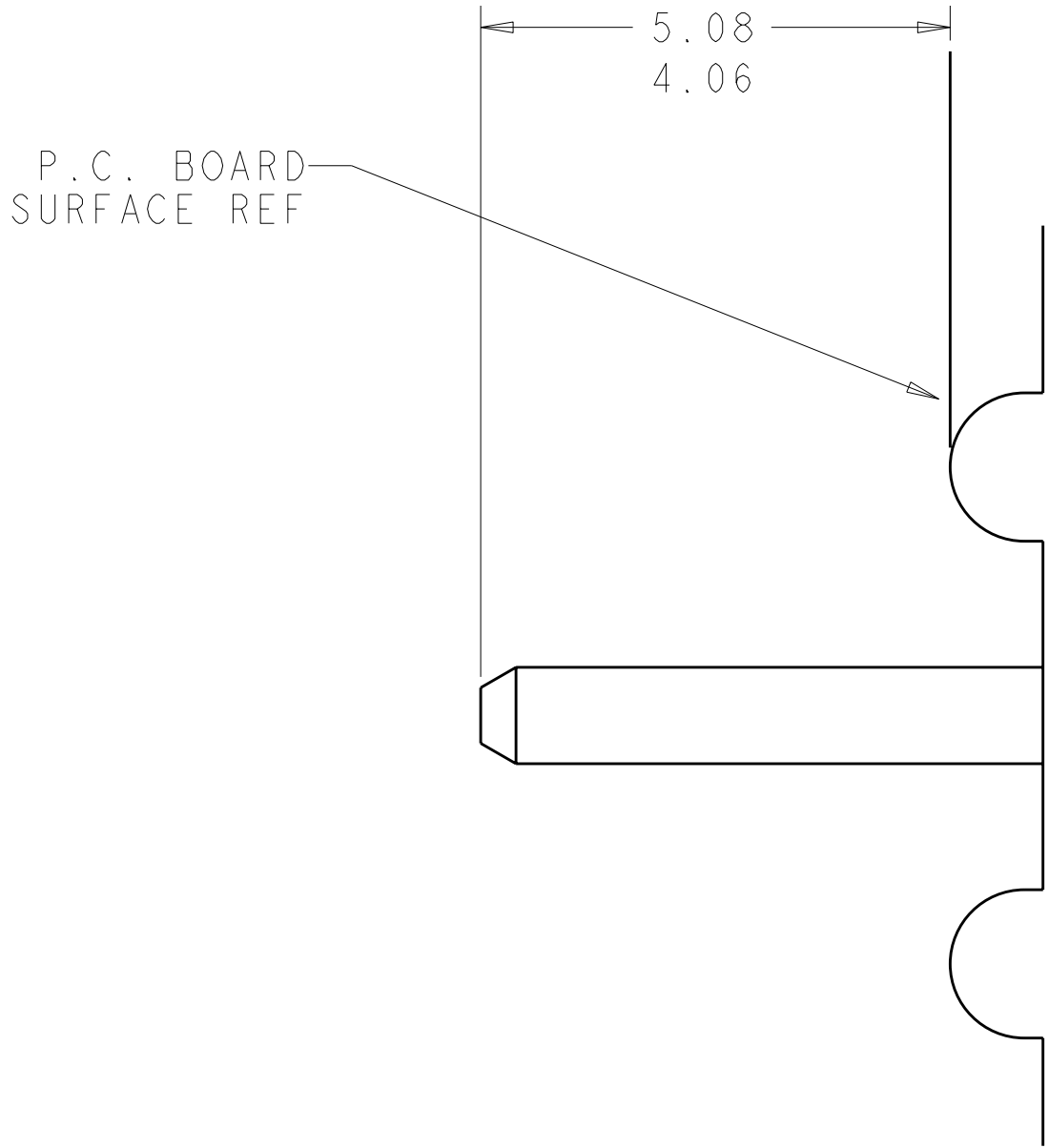


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

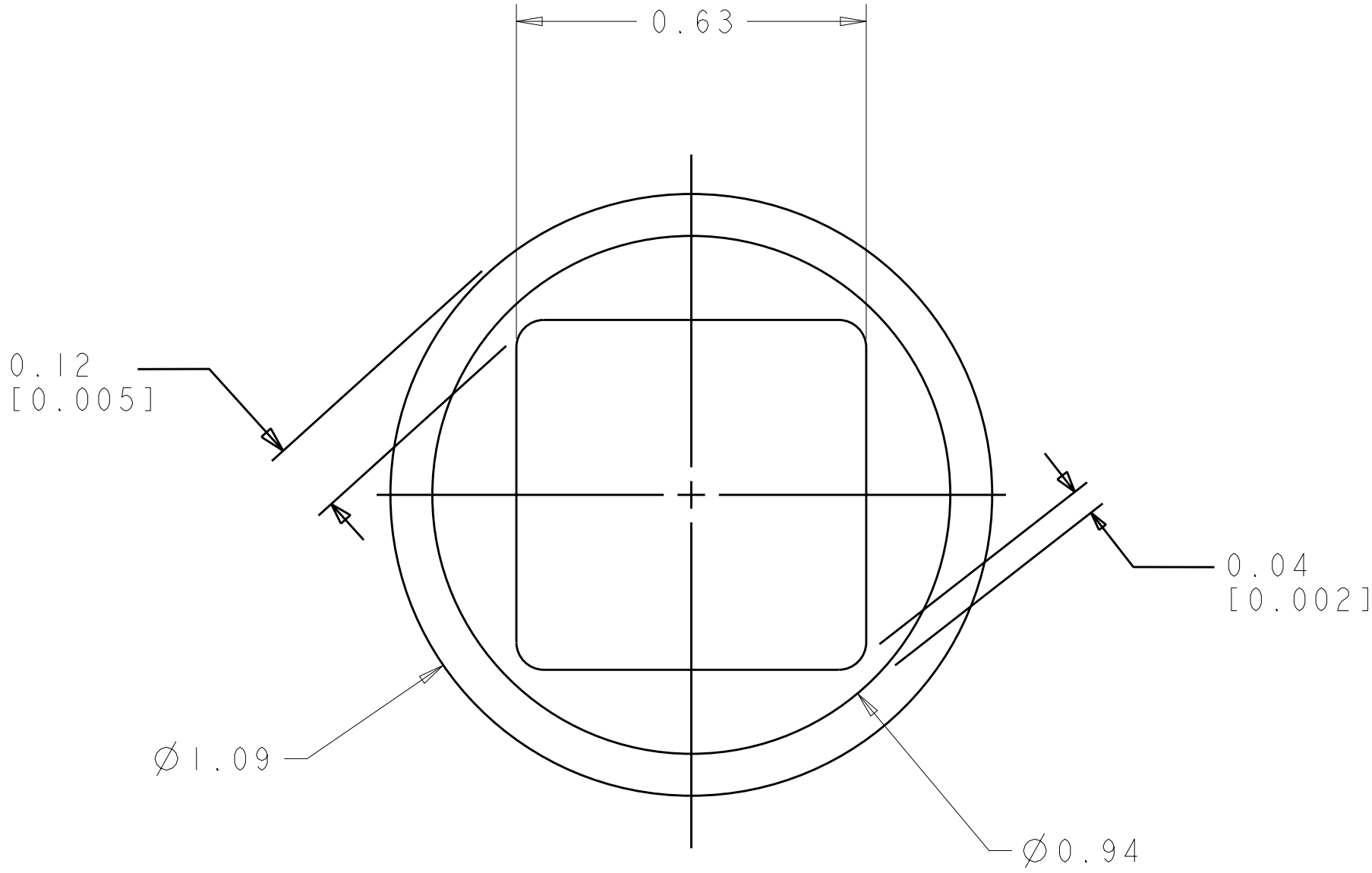
CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP150	6	6	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP318	1	24	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS

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DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME STRAIGHT SOCKET CONNECTOR SOLDER TAILS	
		0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.15 3 PLC ±.3 4 PLC ±.3 ANGLES ±.5		PRODUCT SPEC	
MATERIAL -		FINISH -		APPLICATION SPEC	
-		-		WEIGHT -	
-		-		CUSTOMER DRAWING	
-		-		SCALE 3:1 SHEET 2 OF 3 REV B	

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET I	-	-	-



5. SOLDER PIN DETAIL
SCALE 10:1



SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [.040] ±.008 [.0003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

ELCON FLATPAQ

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CHK P. DAMATO 18SEPT06				APVD S. FLICKINGER 18SEPT06	NAME STRAIGHT SOCKET CONNECTOR SOLDER TAILS		
DIMENSIONS: mm [INCHES]				PRODUCT SPEC	SIZE A100779		
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPLICATION SPEC	CAGE CODE C=6646314		
0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.15 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH				WEIGHT	DRAWING NO A100779		
MATERIAL				CUSTOMER DRAWING	RESTRICTED TO		
-				SCALE 3:1	SHEET 3 OF 3		
-				REV B			