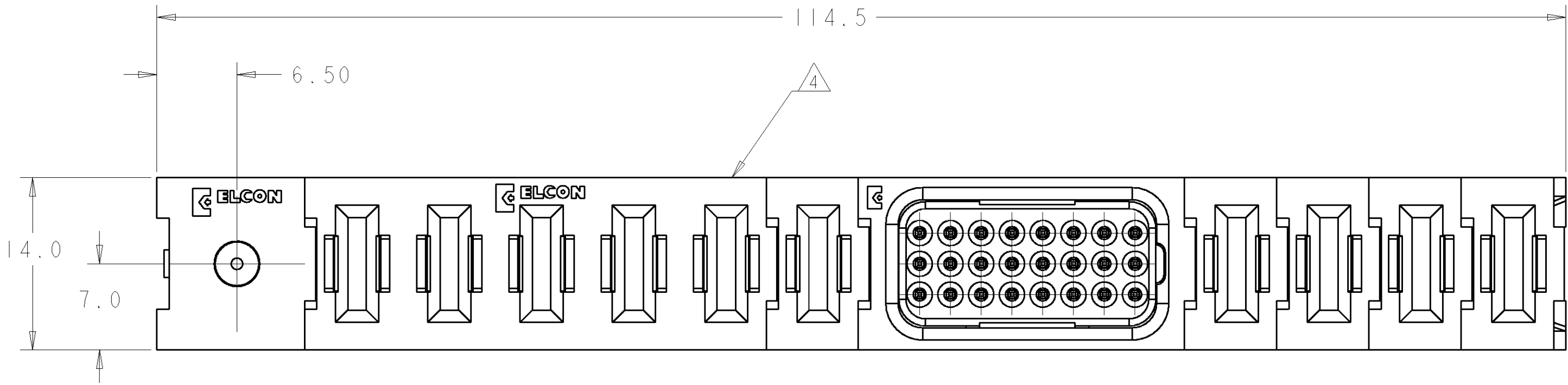


LOC		DIST		REVISIONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		NEW RELEASE	08AUG2007	RG	PD



1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

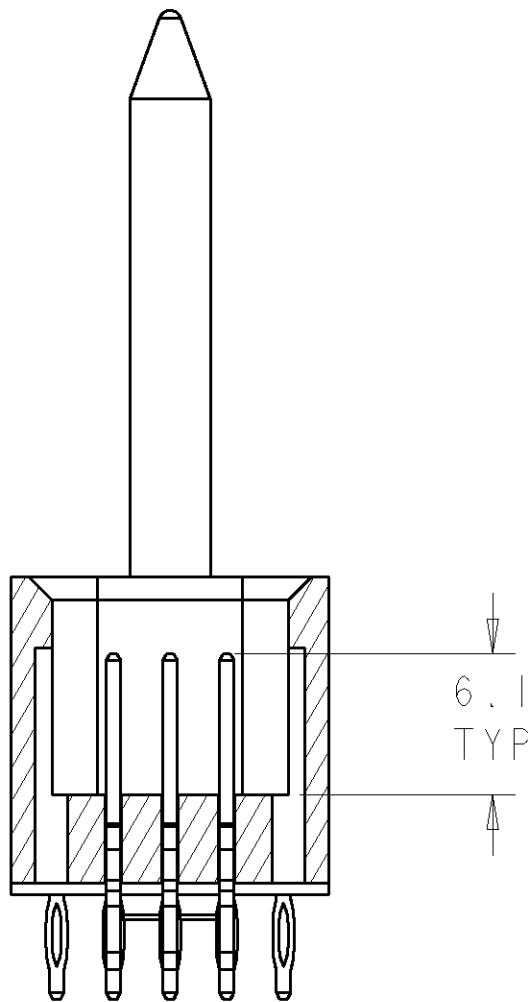
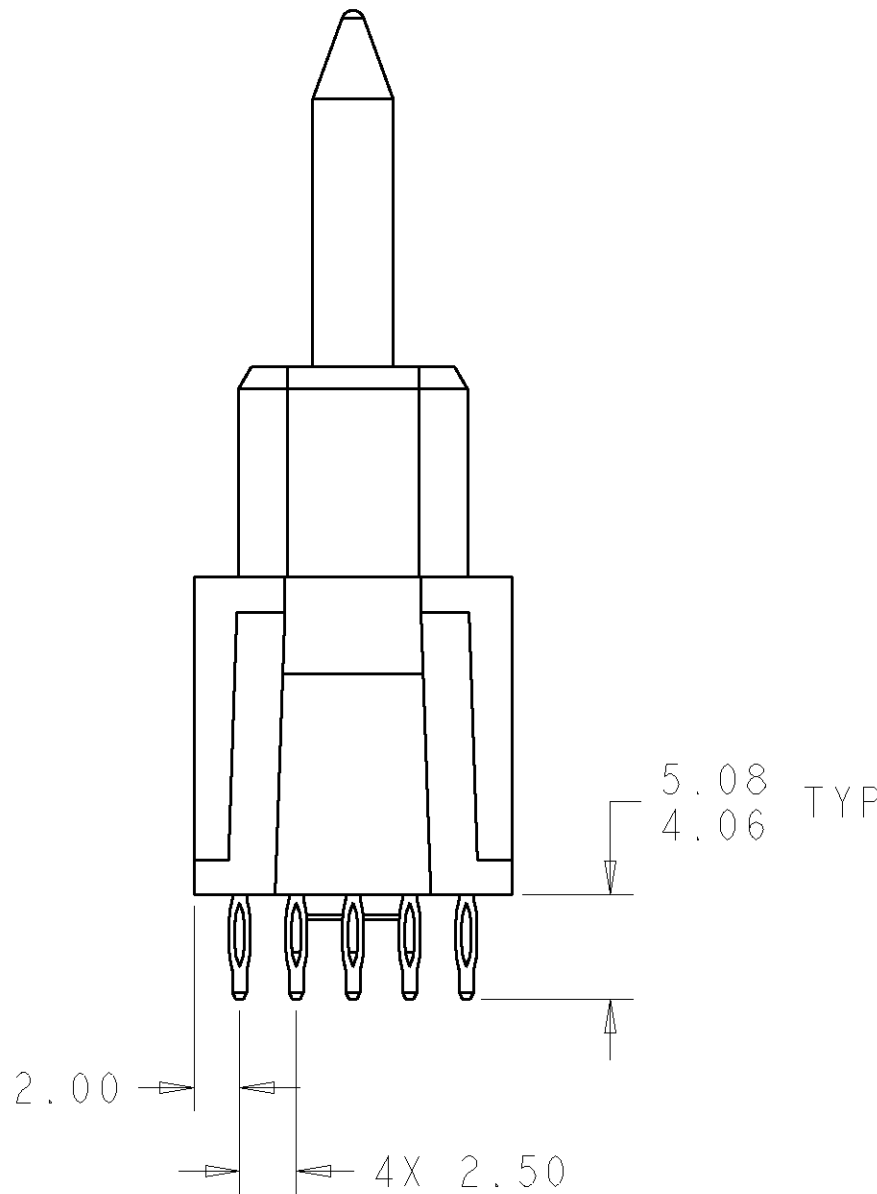
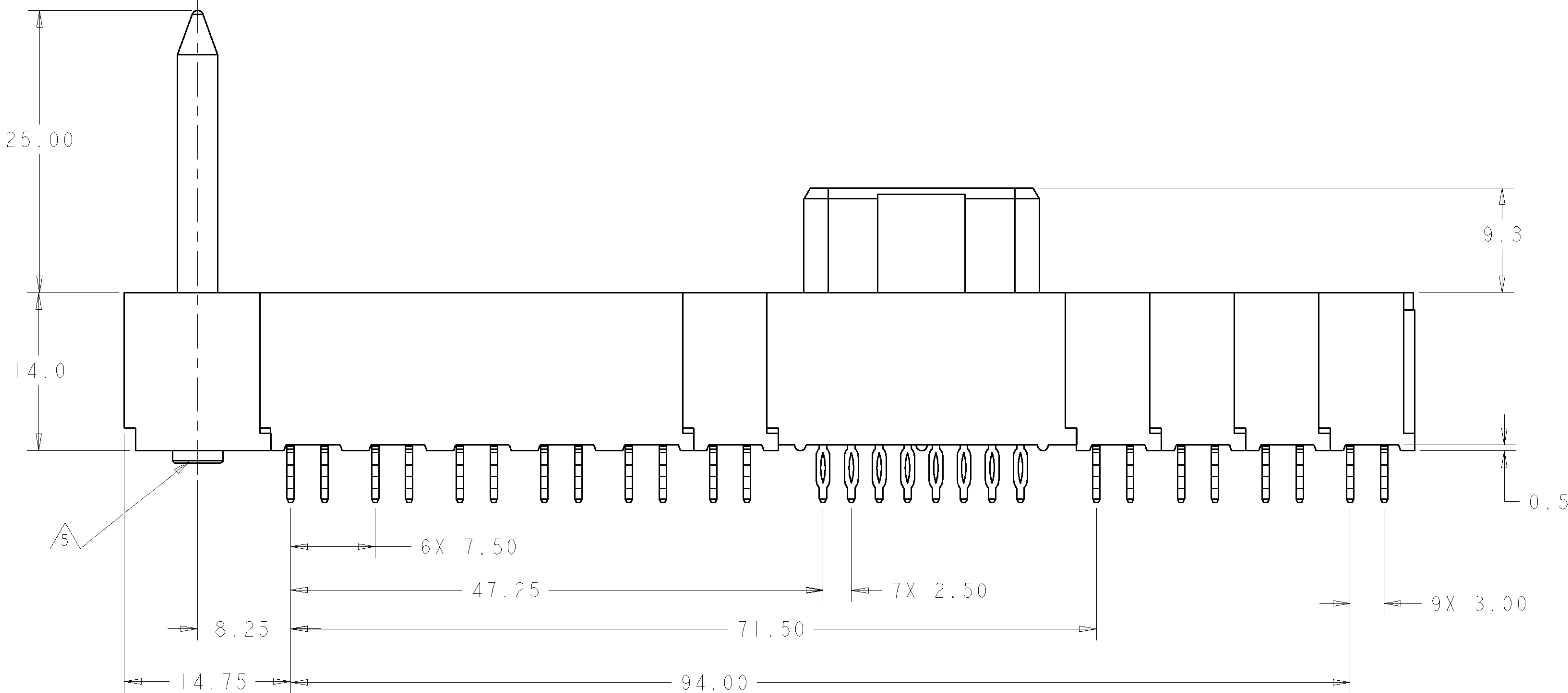
2 MATERIAL: INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
COMPLIANT SIGNAL PIN - BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
GUIDE PIN-COPPER ALLOY

3 FINISH: CONTACTS - GOLD PLATE 0.76µm MIN. THK., OVER NICKEL 1.27µm MIN. THK
COMPLIANT TAILS, TIN 1.02µm MIN. THK.
OVER NICKEL 1.27µm MIN. THK
GUIDE PIN - SILVER PLATE 5.08µm MIN THK. OVER NICKEL 1.27µm MIN. THK.

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

TYCO ELECTRONICS P/N DATE CODE YEAR WEEK
XXXXXXX-X XXXX 11 0106

5 ACTIVE GUIDE PIN ACCEPTS M3 X 0.5 SCREWS (USER SUPPLIED).

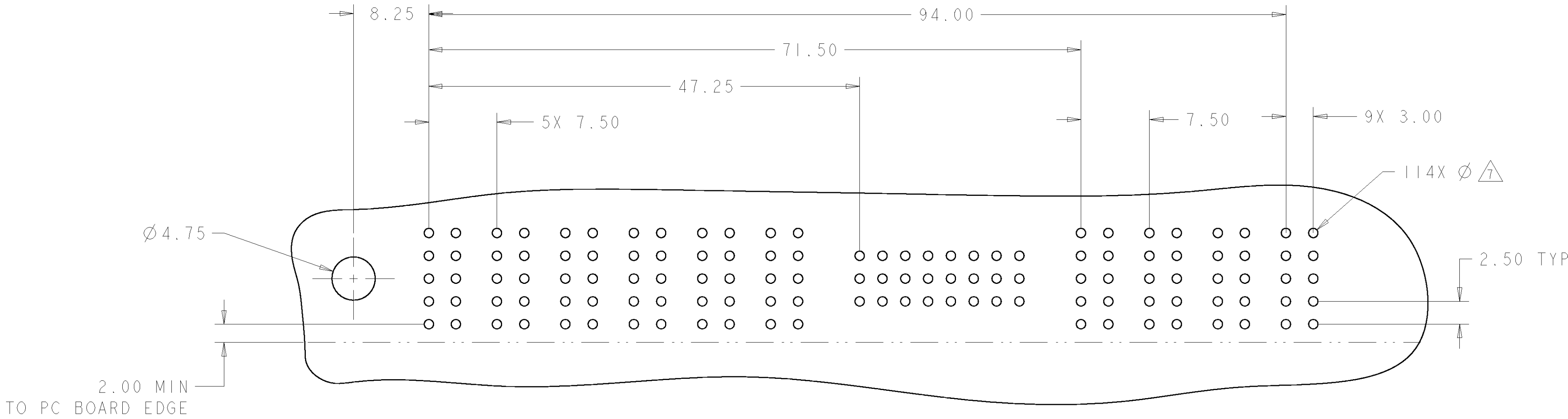


SECTION Z-Z
GENDER CHANGER
REMOVED
FOR CLARITY

ELCON FLATPAQ

AS SHOWN		6646495-1	
DESCRIPTION		PART NUMBER	
Tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608	
DWN R.GRZYBOWSKI 08AUG2007 CHK P.DAMATO 08AUG2007 APVD S.FLICKINGER 08AUG2007		NAME SOCKET CONNECTOR STRAIGHT, COMPLIANT TAIL FLATPAQ	
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.5 ANGLES ±.3 FINISH -		PRODUCT SPEC APPLICATION SPEC WEIGHT - CUSTOMER DRAWING	
MATERIAL -		SIZE CAGE CODE DRAWING NO A100779C=6646495	
RESTRICTED TO		SCALE 3:1 SHEET 1 OF 3 REV A	

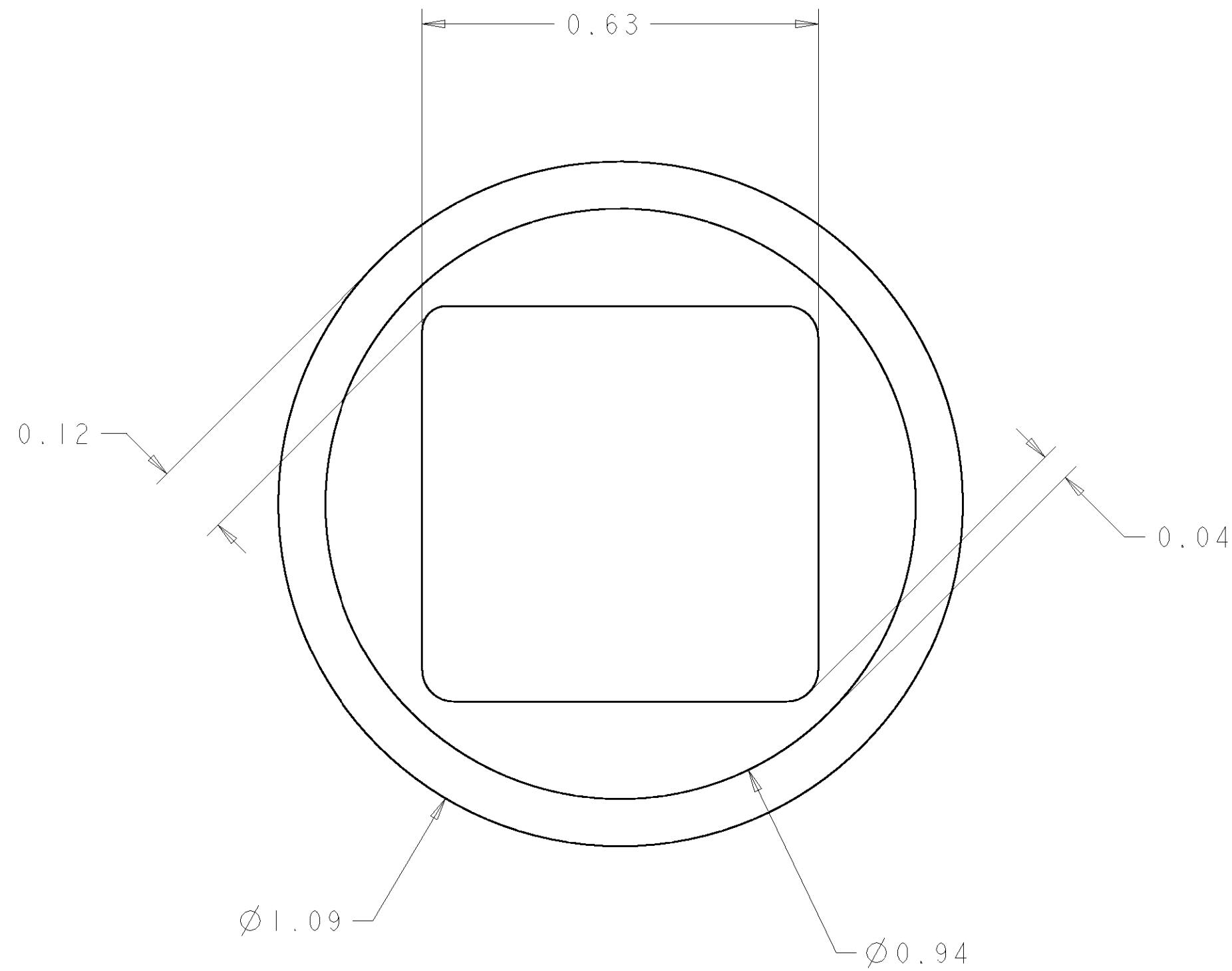
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP200	9	8	9	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP401	1	8	24	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP511	1	SPACER					
	FP515	1	GUIDE PIN, ACTIVE					

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN	08AUG2007	Tyco Electronics Harrisburg, PA 17105-3608	
mm		9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.3 FINISH -		CHK	08AUG2007	NAME	
		9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.3 FINISH -		APVD	08AUG2007	SOCKET CONNECTOR STRAIGHT, COMPLIANT TAIL FLATPAQ	
MATERIAL		FINISH		PRODUCT SPEC		SIZE	CAGE CODE
-		-		APPLICATION SPEC		A100779	C=6646495
-		-		WEIGHT		RESTRICTED TO	
-		-		CUSTOMER DRAWING		SCALE	3:1
						SHEET	2 OF 3
						REV	A



$\triangle 7$ SOLDER TERMINATION AREA
 SCALE 40:1
 RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
 DRILLED HOLE: $\varnothing 1.15$ [.0453] $\pm .013$ [.0005]
 COPPER PLATE: .025 [.0010] MIN
 TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

[illegible]