

LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				A		RELEASED	19JAN2009	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
CROWN BAND-BERYLLIUM COPPER ALLOY
SIGNAL CONTACTS-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS ALLOY

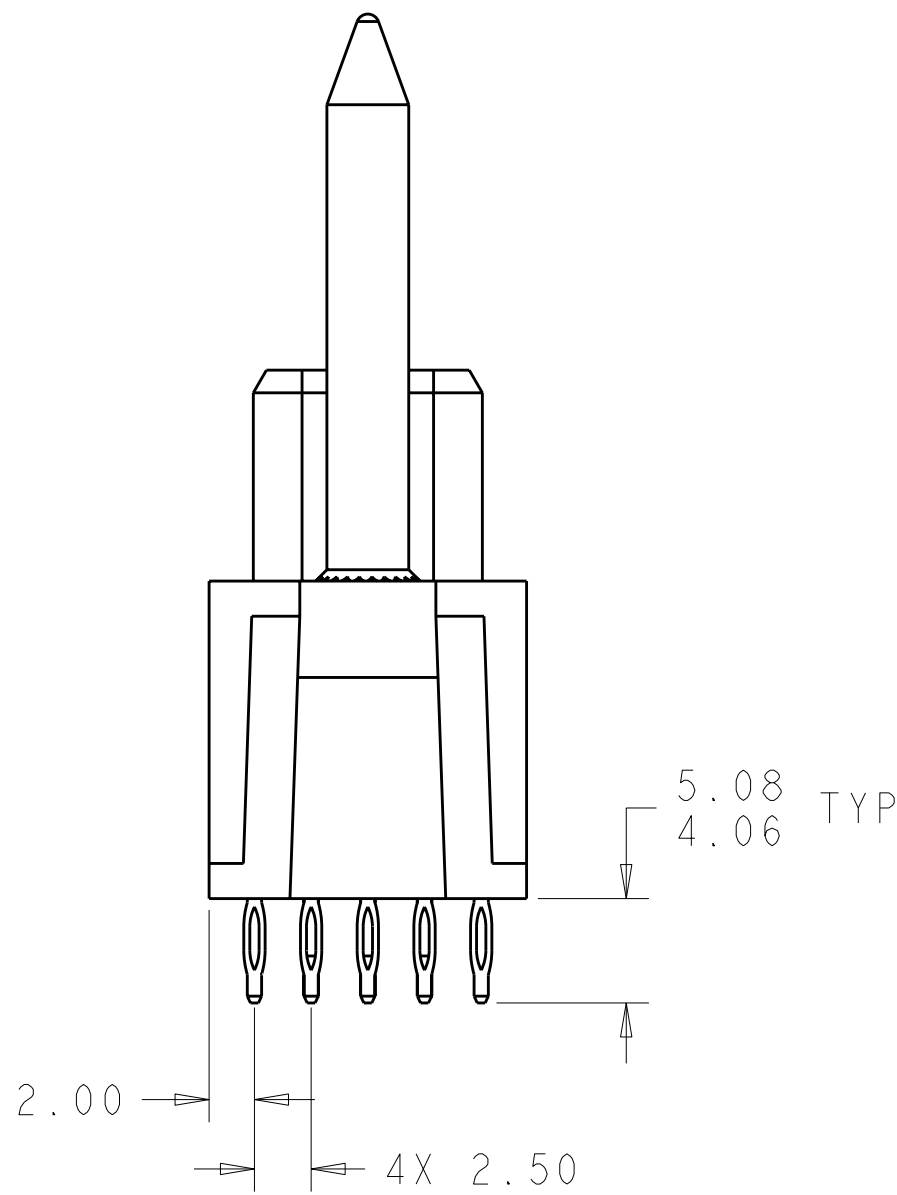
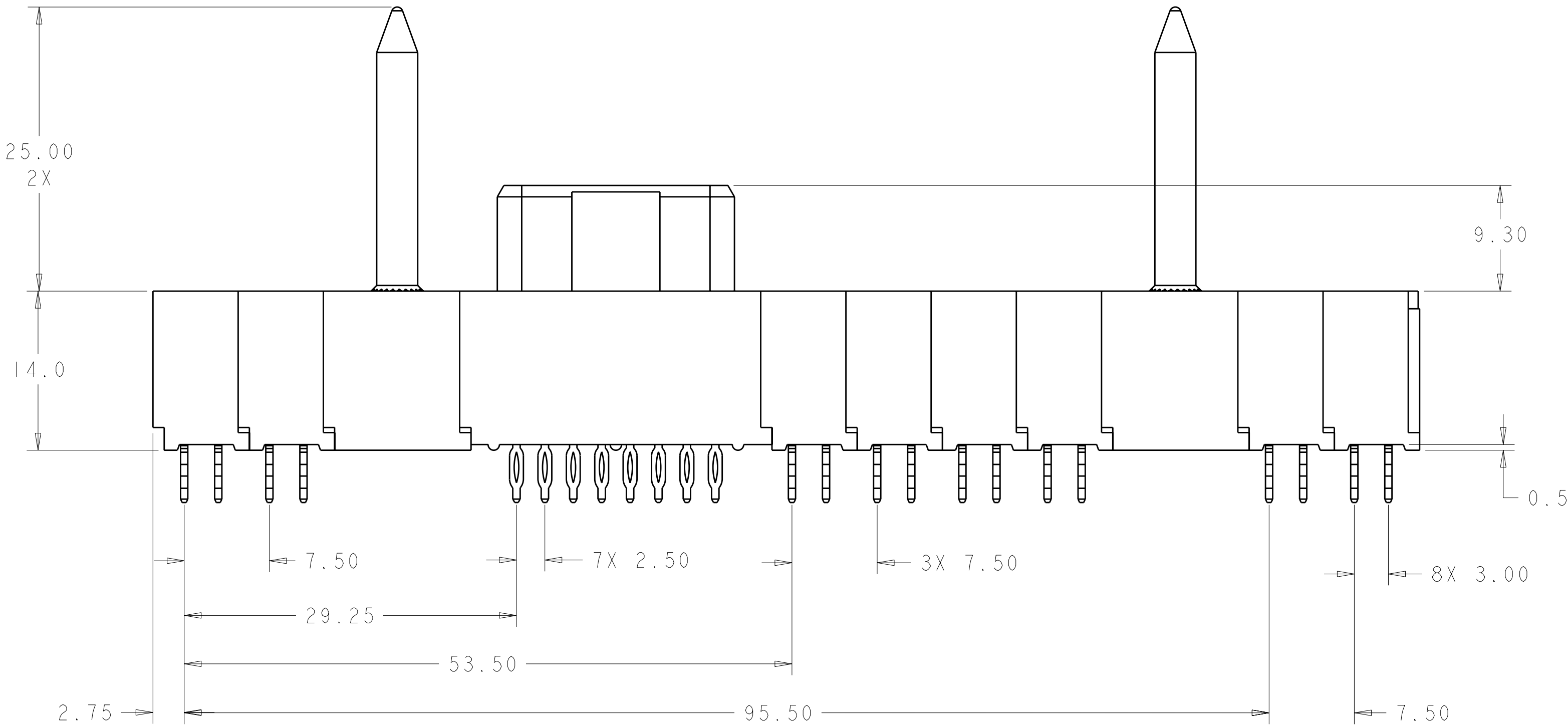
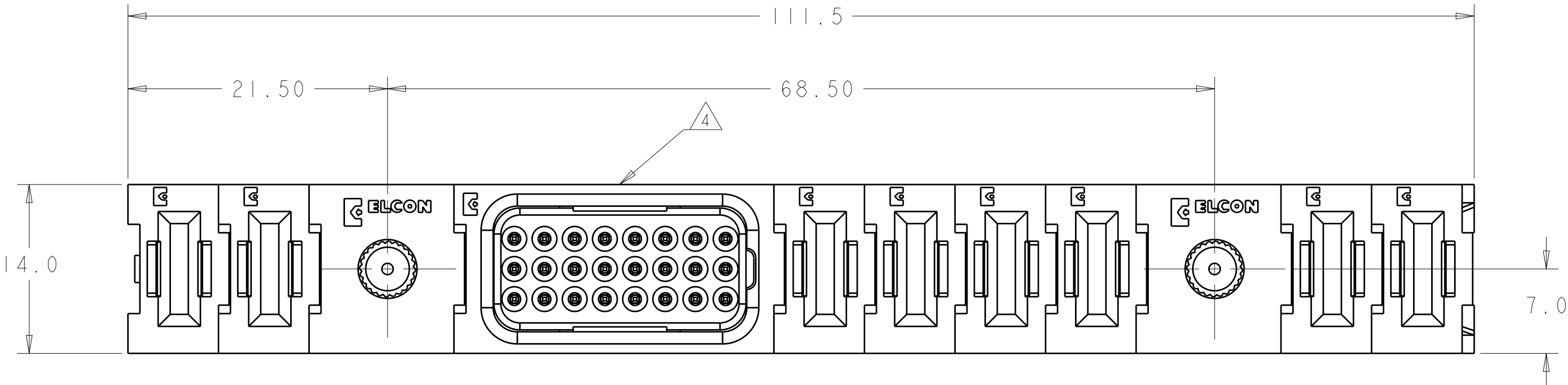
3 FINISH: CONTACTS - GOLD PLATE .76µm MIN. THK. OVER
NICKEL 1.27µm MIN. THK
SOLDER TAILS- TIN 1.02 MIN. THK. OVER
NICKEL 1.27µm MIN THK.
GUIDE PIN - NICKEL PLATE 1.27µm MIN THK.

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

TYCO ELECTRONICS P/N
XXXXXXXX-X

DATE CODE (e.g. 0106)
XXXX

YEAR 11 WEEK

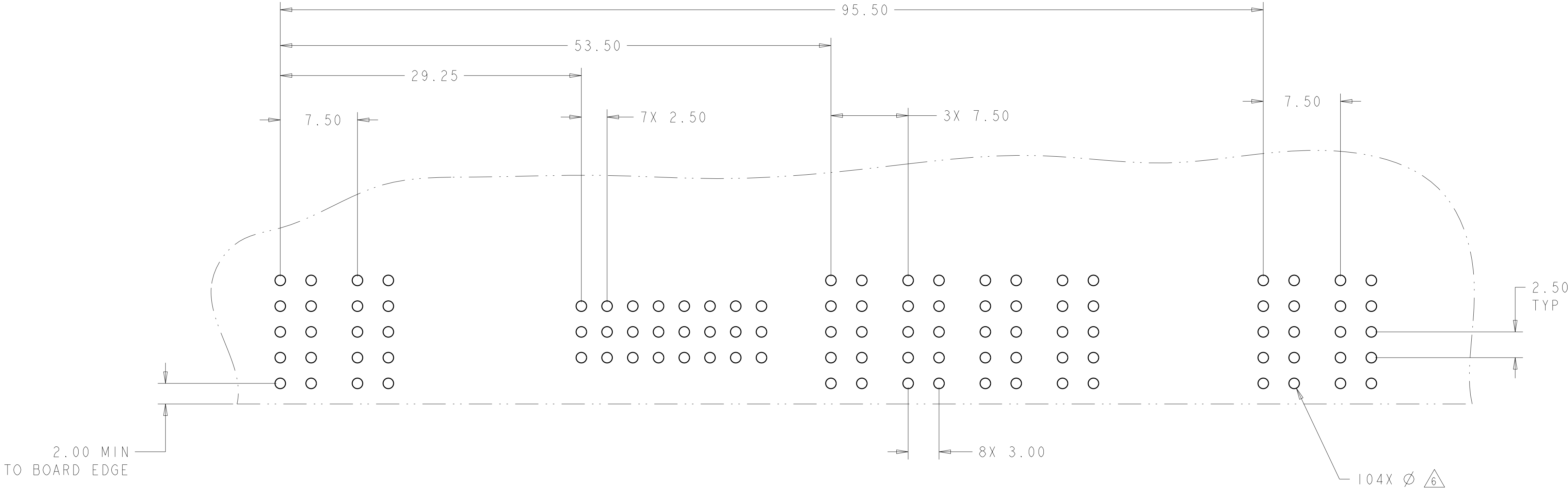


ELCON

FLATPAQ

AS SHOWN		6646365-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC ±.5	
		1 PLC ±.5	
		2 PLC ±.25	
		3 PLC ±.25	
		4 PLC ±.25	
		ANGLES ±.5	
MATERIAL		FINISH	
2		3	
CUSTOMER DRAWING		SCALE 3:1	
SHEET 1 OF 3		REV A	

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

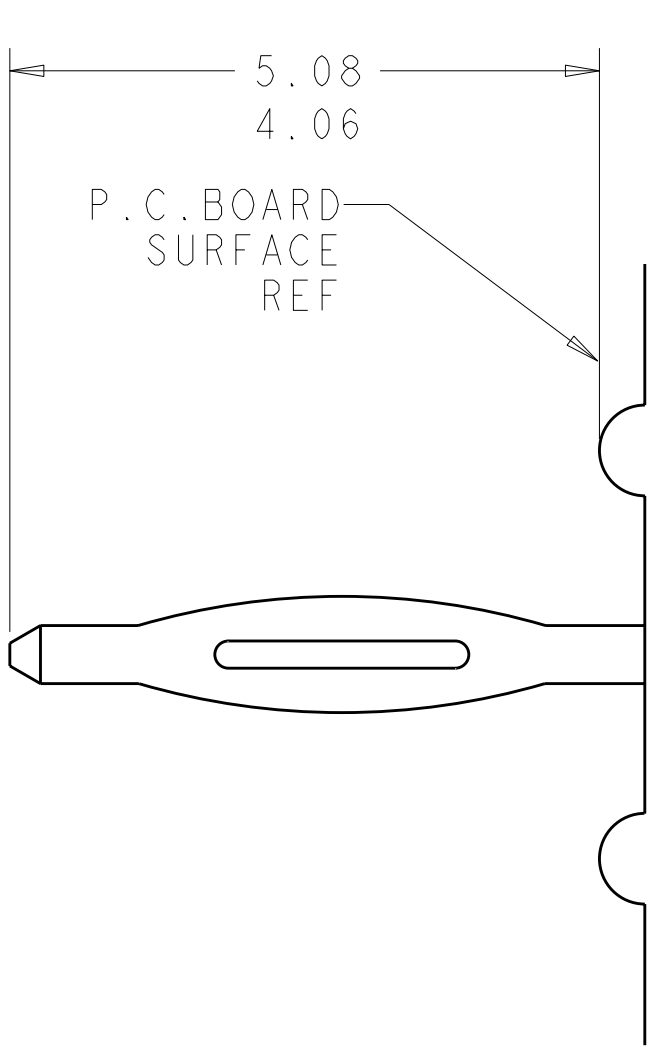


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

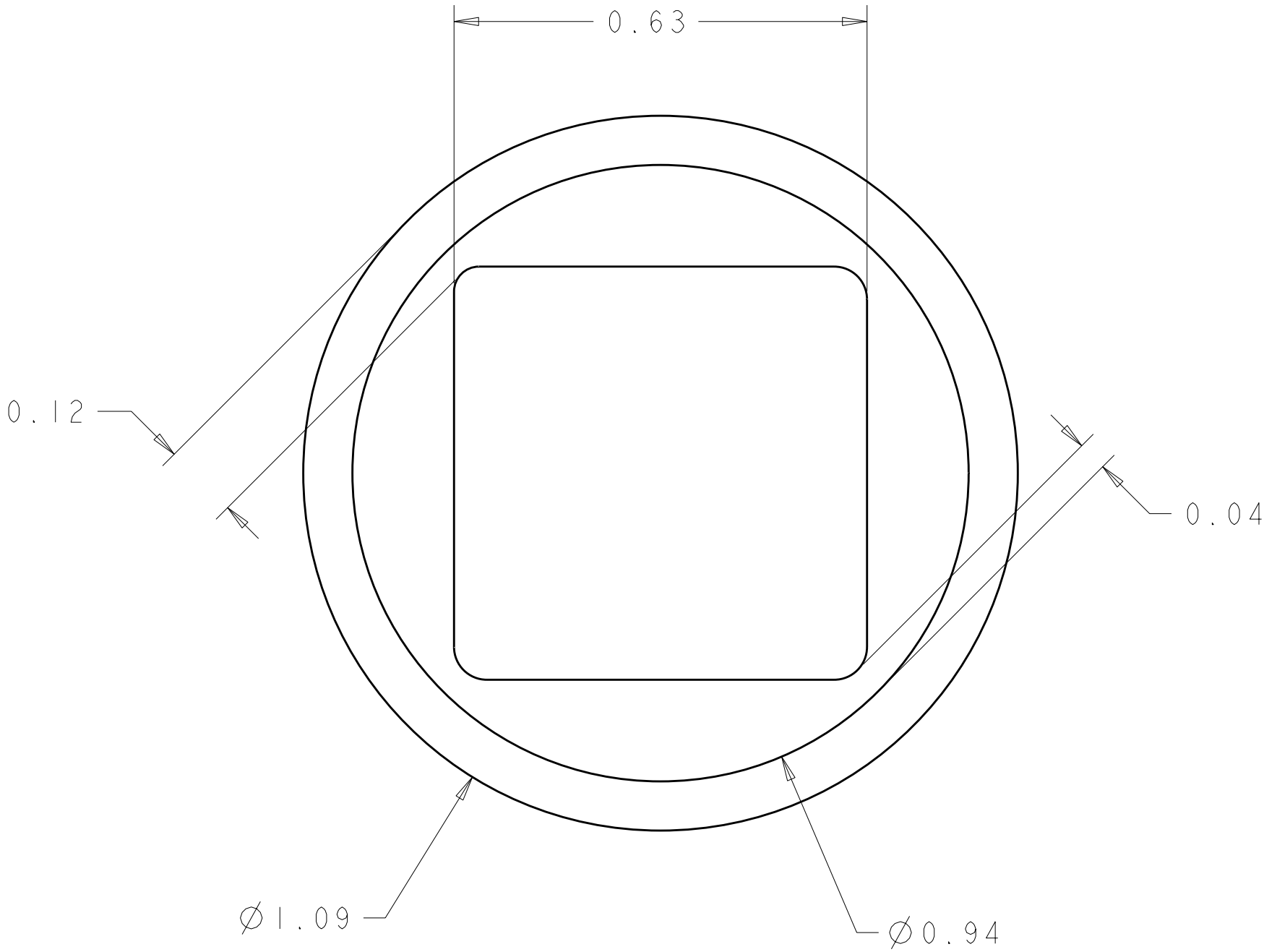
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP200	8	8	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [0.295]	250 VOLTS
	FP401	1	22	24	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP503	2	STRAIGHT GUIDE PIN, PASSIVE					

TYPICAL DIMENSIONS TO CENTER OF CONTACT UNLESS OTHERWISE SPECIFIED		DWN R. GRZYBOWSKI CHK P. DAMATO APVD M. PERCHERKE	19JAN2009 19JAN2009 19JAN2009	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.5 ANGLES ±.5 FINISH -		PRODUCT SPEC	
				APPLICATION SPEC	
MATERIAL -		WEIGHT -		SIZE CAGE CODE DRAWING NO	
		CUSTOMER DRAWING		A100779C=6646365	
				RESTRICTED TO	
				SCALE 3:1 SHEET 2 OF 3 REV A	

LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



5. COMPLIANT PIN DETAIL
SCALE 10 : 1
INSERTION/EXTRACTION FORCES
MAXIMUM PUSH IN: 133.3N [30 LBS] PER PIN
MINIMUM PUSH OUT: 44.4N [10 LBS] PER PIN



6. SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
COMPLIANT PRESS FIT
DRILLED HOLE: $\varnothing 1.15 \pm .013$
COPPER PLATE: .025 MIN (PER SIDE)
TIN PLATE: .0005 MIN. (PER SURFACE)

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CHK P. DAMATO 19JAN2009		NAME	SOCKET CONNECTOR ASSEMBLY STRAIGHT, COMPLIANT TAIL FLATPAQ	
APVD M. PERCHERKE 19JAN2009		PRODUCT SPEC	-	
APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO
MATERIAL -		WEIGHT -	A100779C=6646365	
FINISH -		CUSTOMER DRAWING		
DIMENSIONS: mm		RESTRICTED TO		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 2 PLC ±.5 3 PLC ±.25 4 PLC ±.5 ANGLES ±.5		SCALE 3:1 SHEET 3 OF 3 REV A		

Mouser Electronics

Authorized Distributor

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