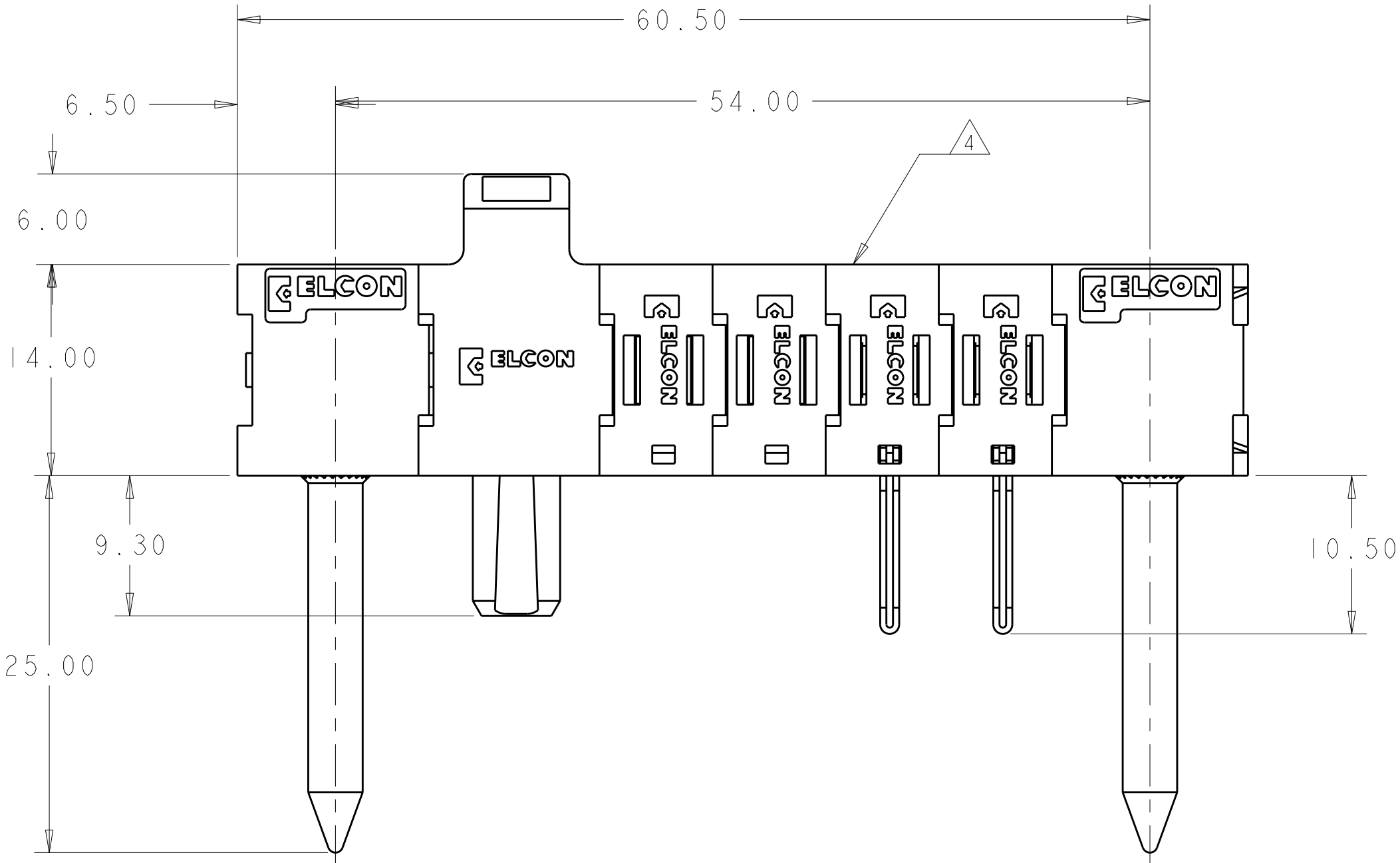


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	NEW RELEASE	14OCT2008	CR	PD
			A1	REV PER ECO-10-001284	22JAN2010	RG	MS



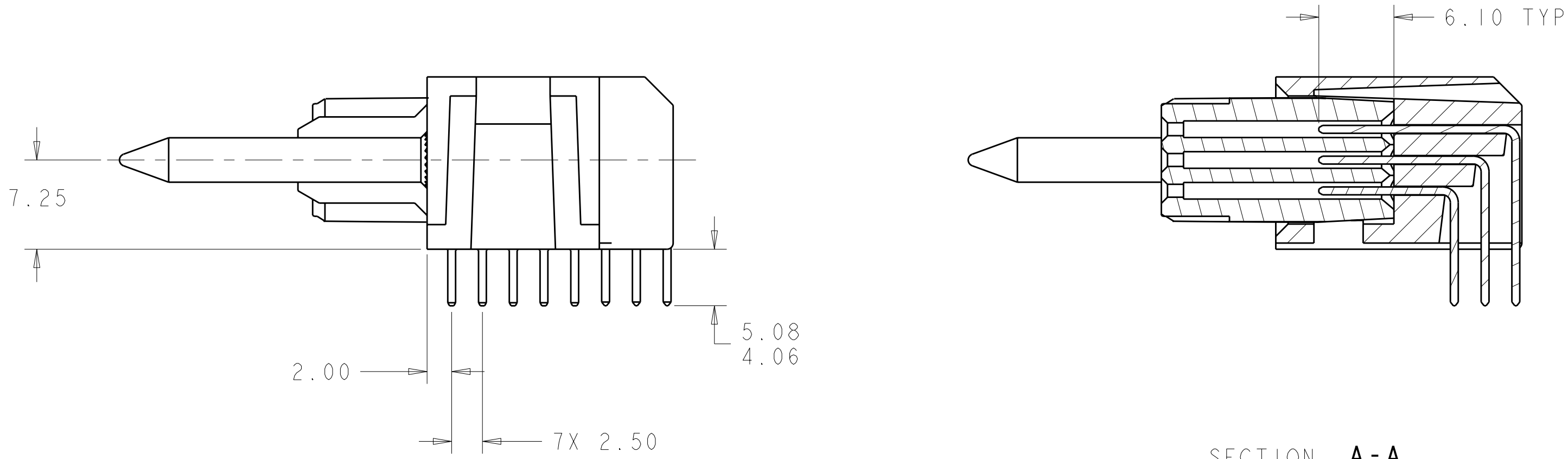
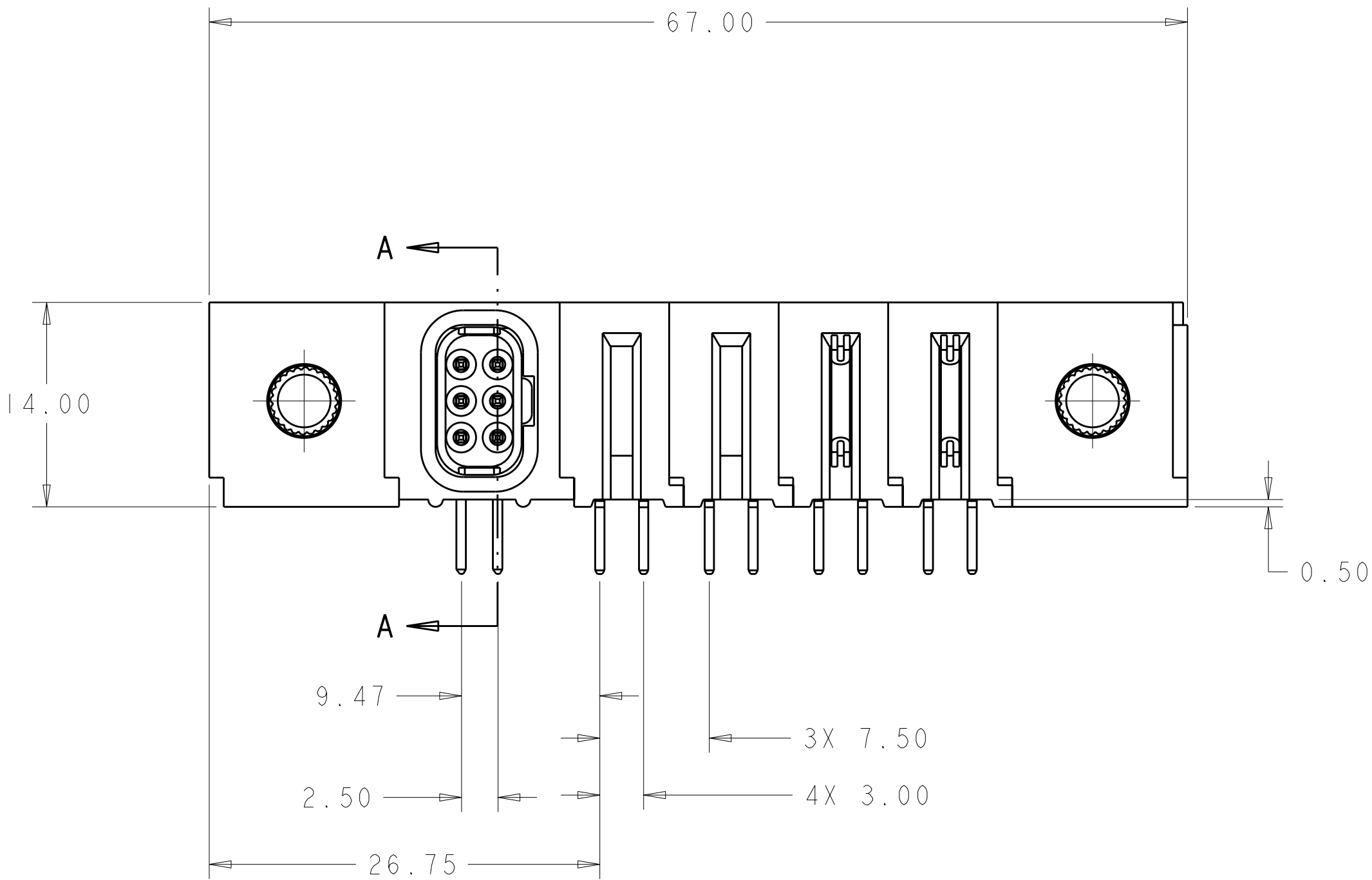
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIAL:
- INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
 - POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY
 - SIGNAL CONTACT: PHOSPHOR BRONZE ALLOY
 - CROWN BAND: BERYLLIUM COPPER ALLOY
3. FINISH:
- CONTACTS: GOLD PLATE 0.76µm MIN. THK., OVER NICKEL
 - 1.27µm MIN. THK
 - SOLDER TAILS: TIN 3.05µm MIN. THK. OVER NICKEL
 - 1.27µm MIN THK.

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

YEAR 1 WEEK 1

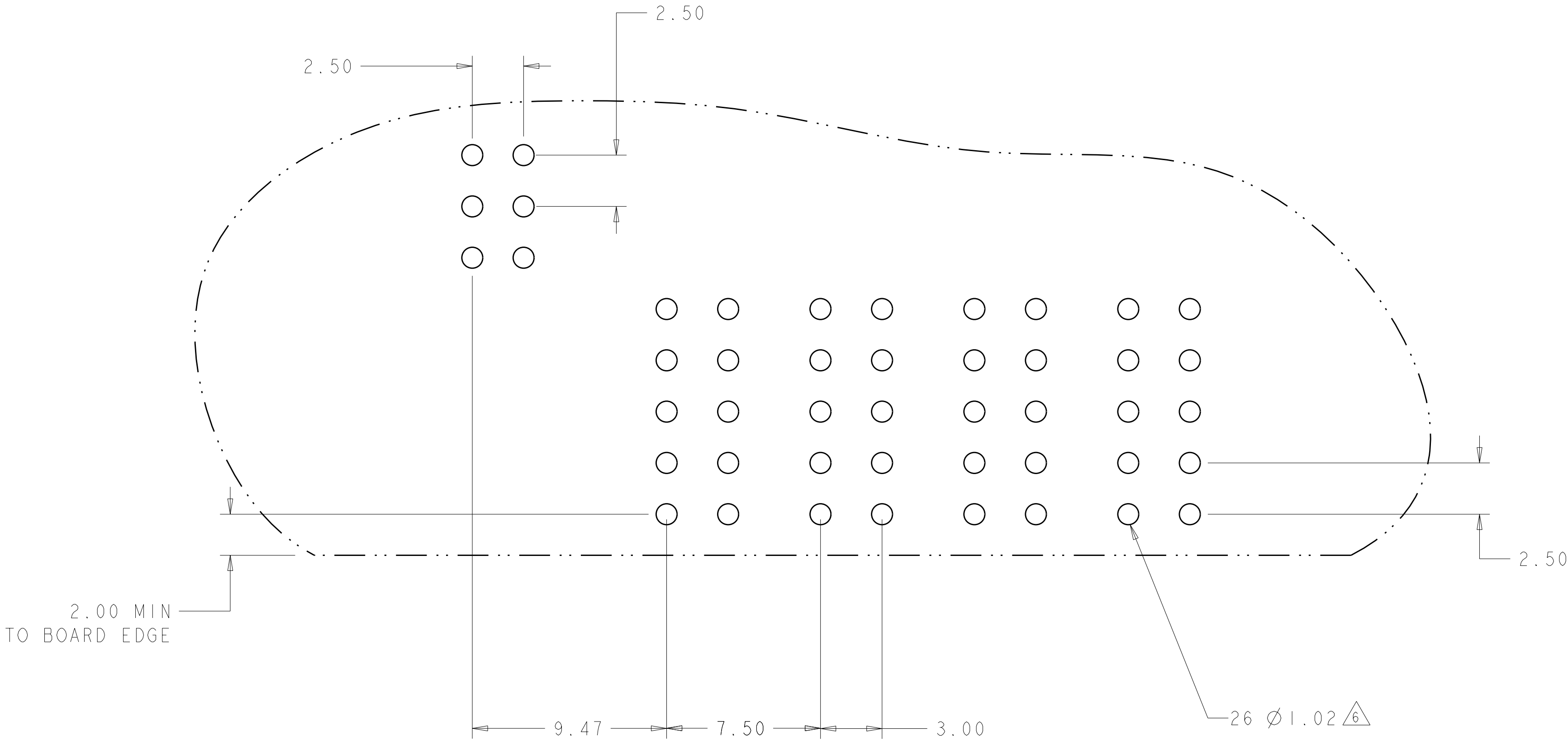
TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX



AS SHOWN		2085010-1
DESCRIPTION		PART NO.
Tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608
DWN C. ROHLER 14OCT2008		NAME
CHK P. DAMATO 14OCT2008		FLATPAQ
APVD M. PERCHERKE 14OCT2008		SIZE
PRODUCT SPEC		CAGE CODE
APPLICATION SPEC		DRAWING NO
WEIGHT		RESTRICTED TO
CUSTOMER DRAWING		A100779C=2085010
SCALE 1:1		SHEET 1 OF 3
		REV A1

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

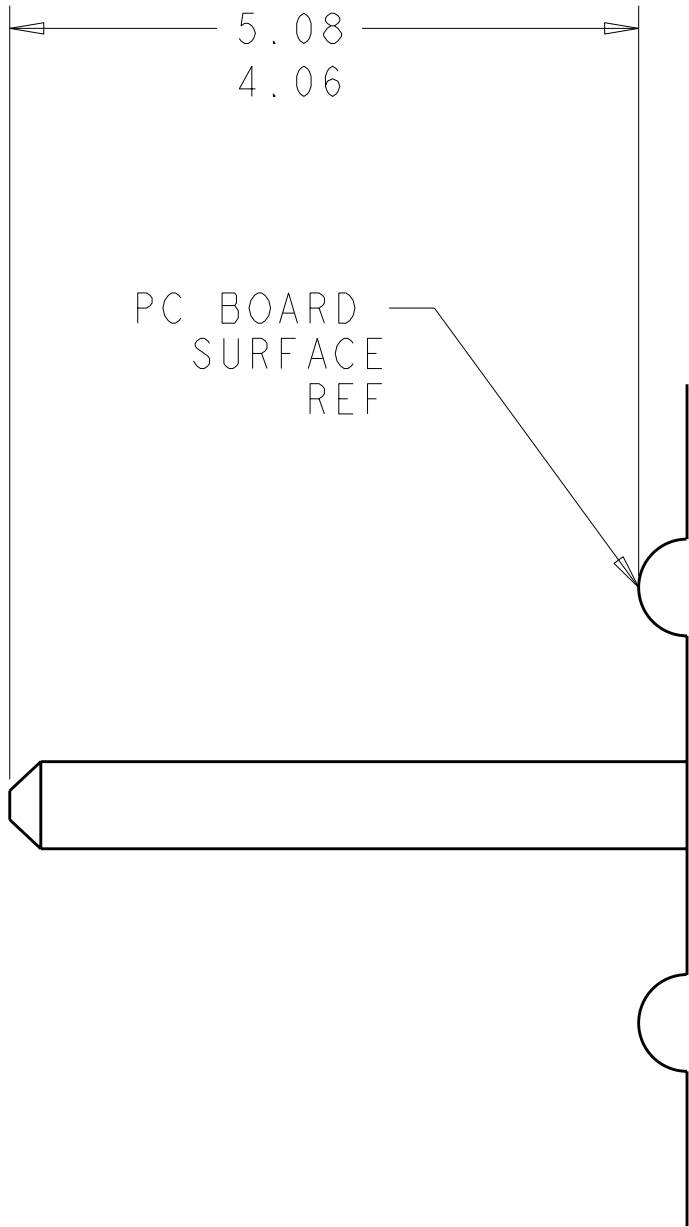


PRINTED CIRCUIT LAYOUT
SCALE 6:1

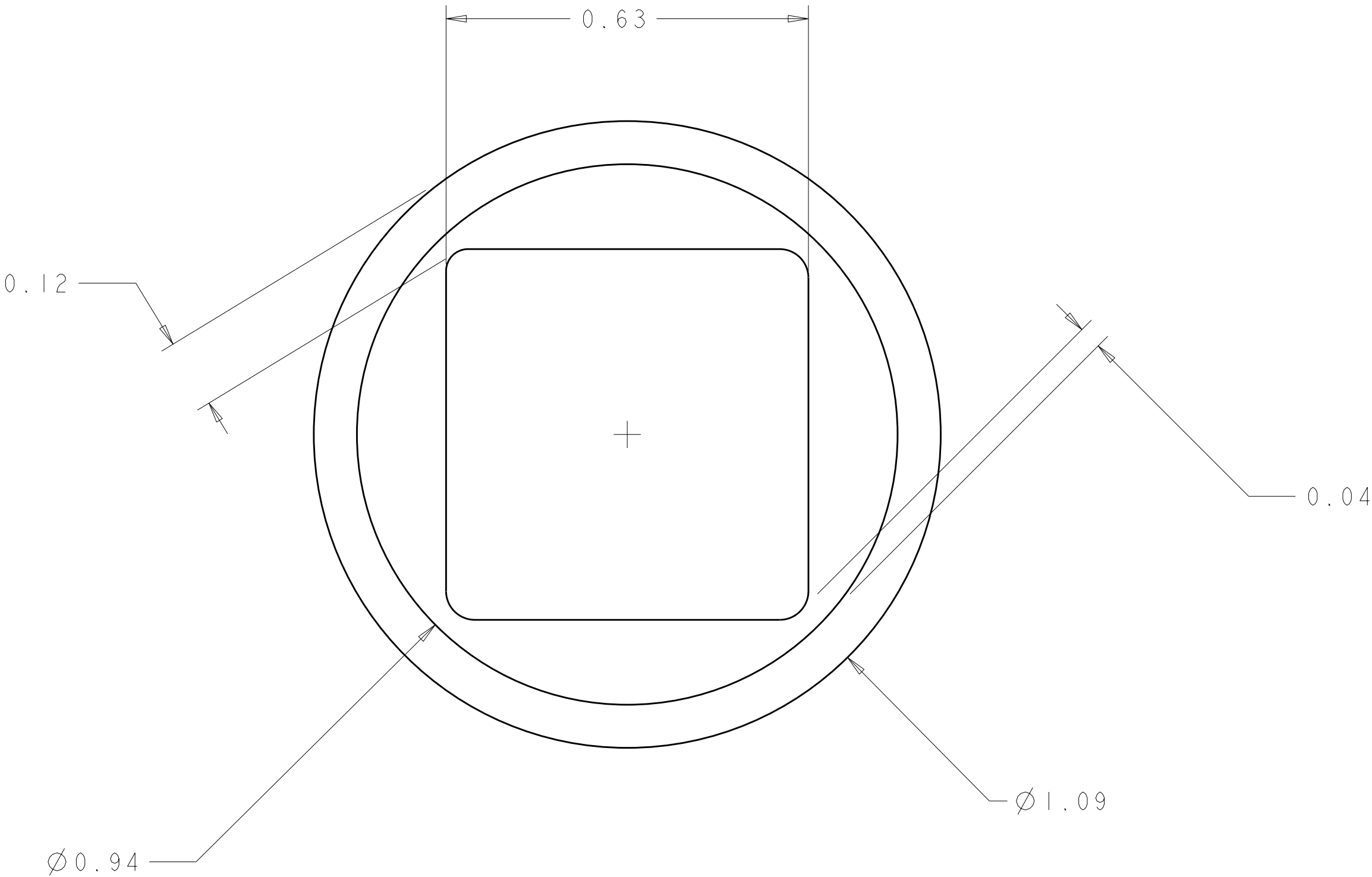
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FPI05	2	8	4	1.25 X 7.00	35 amps	7.50	250 VOLTS
	FPI04	2	8	4	1.25 X 7.00	3 amps	7.50	250 VOLTS
	FP315	1	22	24	.64 SQ.	3 amps	2.5	125 VOLTS
	FP507	2	GUIDE PIN, PASSIVE					

TYPICAL DIMENSIONS FOR 14 CONTACTS PER PIN (SEE NOTE 1) DIMENSIONS ARE UNLESS OTHERWISE SPECIFIED FOR THIS PART AND THIS ORGANIZATION				DWN C. ROHLER 14OCT2008		Tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608			
DIMENSIONS:				TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
mm				0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH -		CHK P. DAMATO 14OCT2008			
						APVD M. PERCHERKE 14OCT2008			
MATERIAL						PRODUCT SPEC			
						APPLICATION SPEC		FLATPAQ	
						SIZE		CAGE CODE	
						WEIGHT		DRAWING NO	
						CUSTOMER DRAWING		RESTRICTED TO	
						A100779C=2085010			
						SCALE		1:1	
						SHEET		2 OF 3	
						REV		A	

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



5. SOLDER TAIL DETAIL
SCALE 10:1



6. SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 ±.08
DRILLED HOLE: Ø1.15 ±.013
COPPER PLATE: .025 MIN
TIN PLATE: .008 MIN. (PER SURFACE)

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DIMENSIONS: mm 				CHK	P. DAMATO	14OCT2008	NAME	-					
				APVD	M. PERCHERKE	14OCT2008	PRODUCT SPEC	-					
				APPLICATION SPEC			FLATPAQ						
				TOLERANCES UNLESS OTHERWISE SPECIFIED:			-						
0 PLC ±.5				1 PLC ±.5		2 PLC ±.25		3 PLC ±.5		4 PLC ±.5		ANGLES ±.5	
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
-		-		-		A		00779		C=2085010		-	
CUSTOMER DRAWING						SCALE		3:1		SHEET		3 OF 3	
						REV		A1					