

LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION			DATE	DWN	APVD
			A	NEW RELEASE			10SEP2007	RG	SF

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
SOLDER SIGNAL PINS-BRASS 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.

△

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

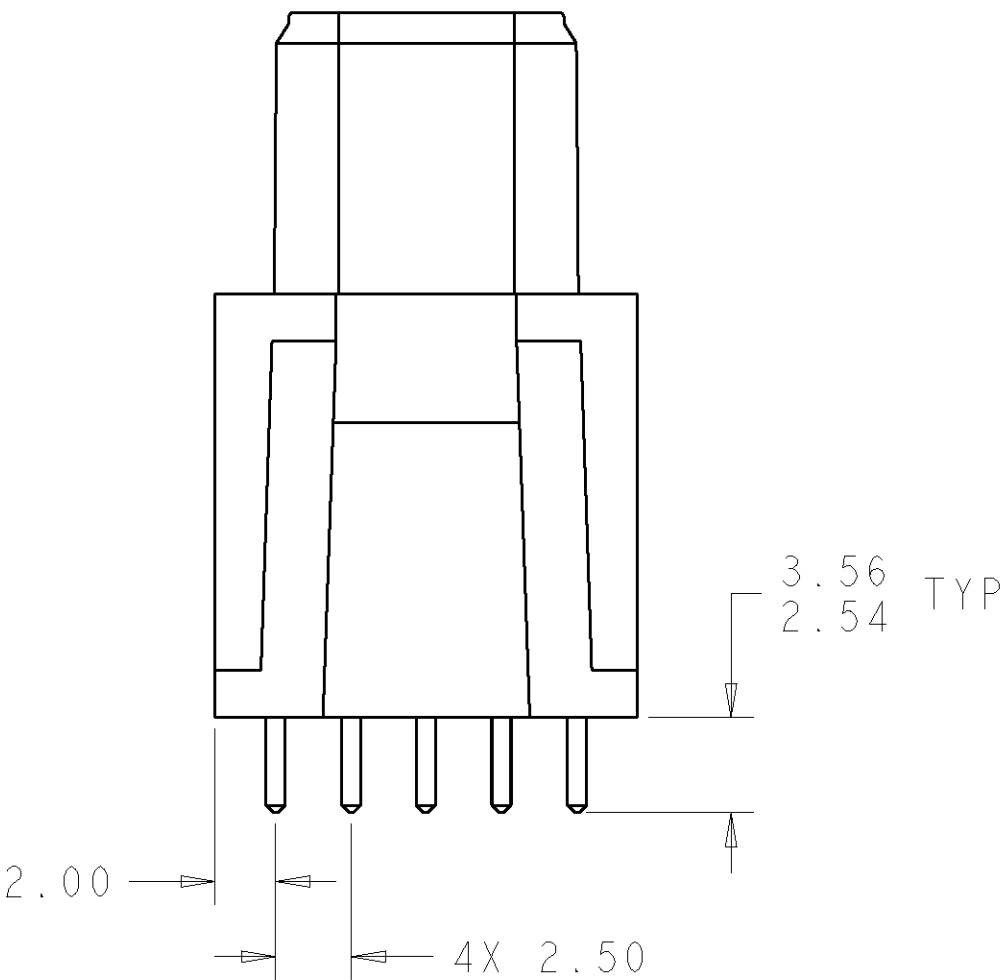
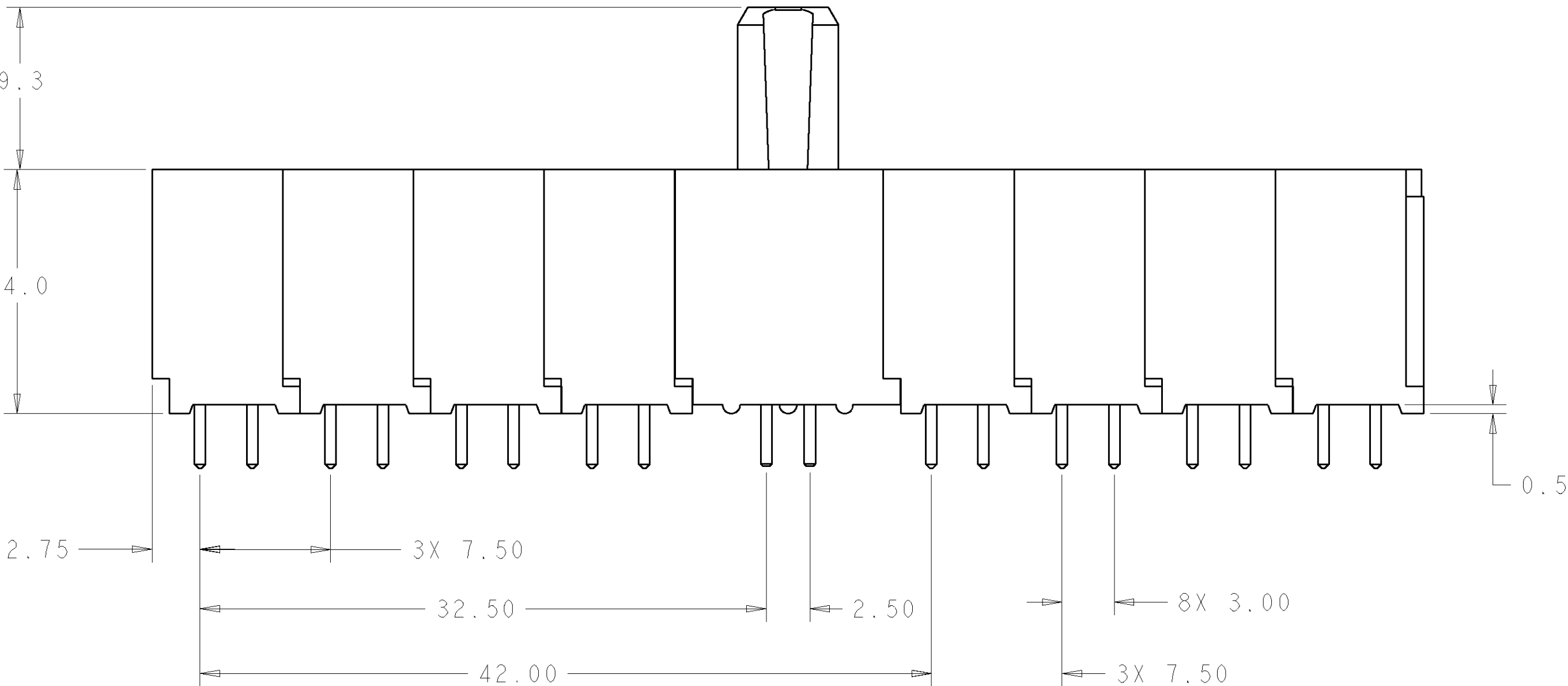
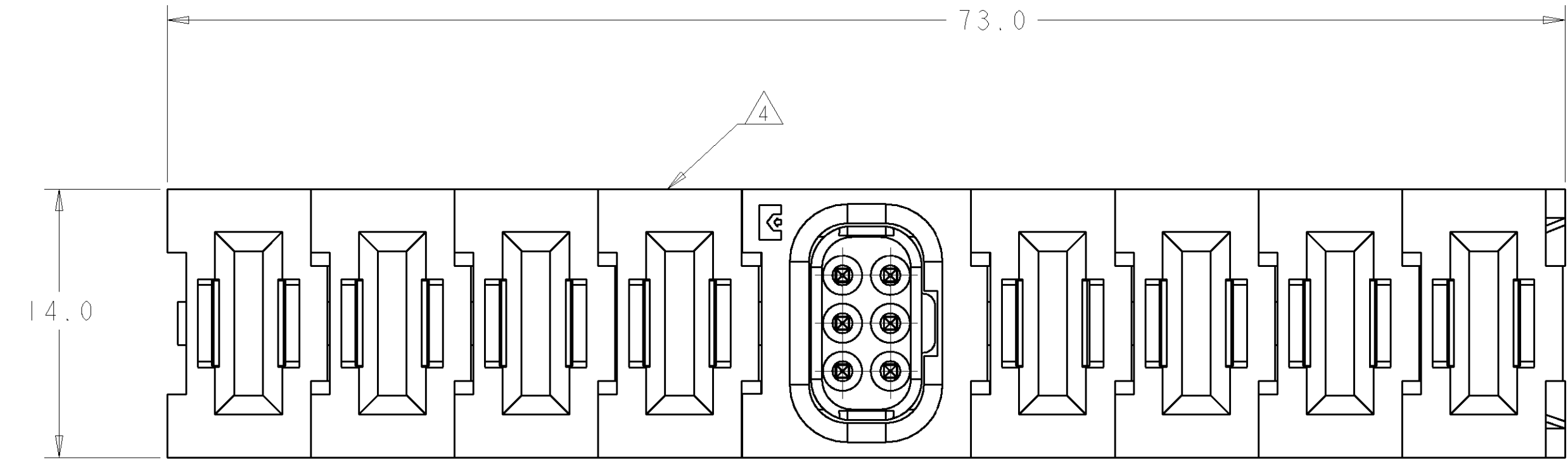
YEAR 11 WEEK

TYCO ELECTRONICS P/N

XXXXXXXX-X

DATE CODE (e.g. 0106)

XXXX

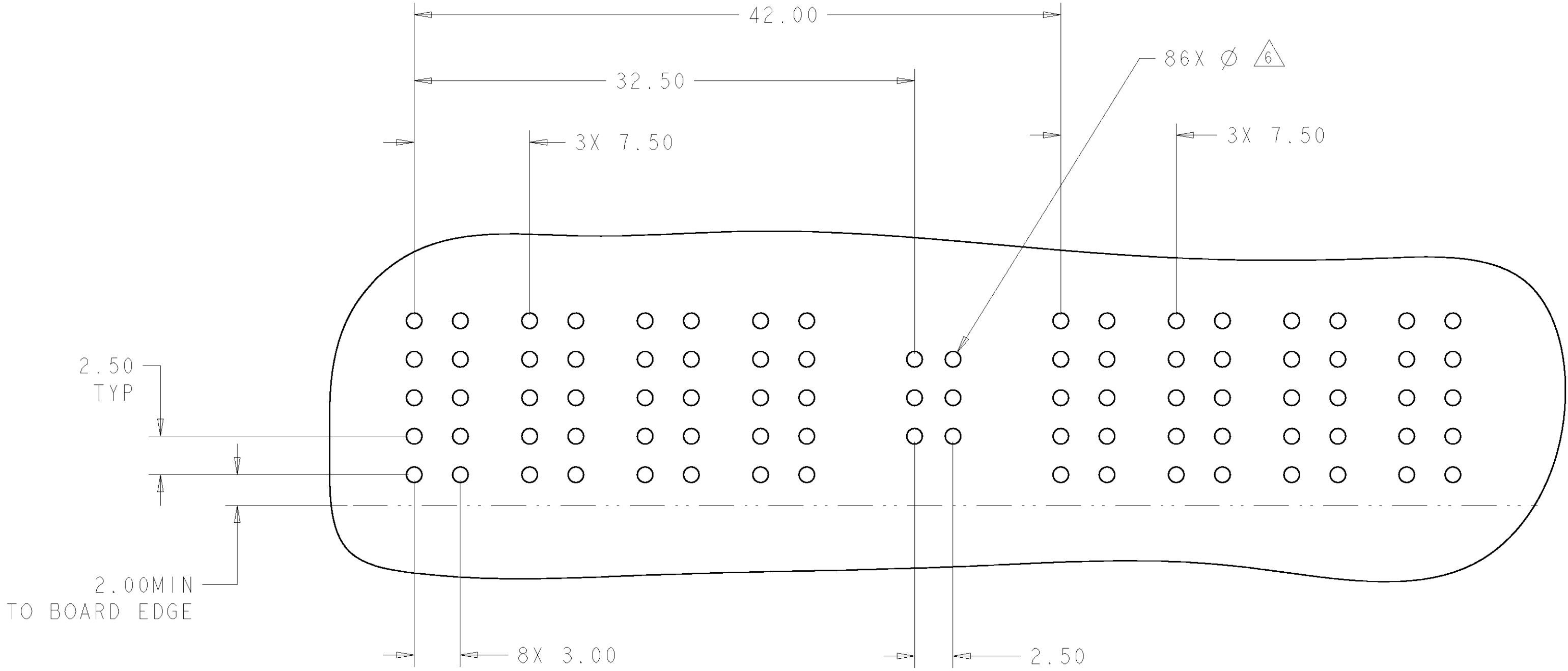


ELCON

FLATPAQ

AS SHOWN		6646565-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 (.020) 1 PLC ±.5 (.020) 2 PLC ±.25 (.010) 3 PLC ±.25 (.010) 4 PLC ±.25 (.010) ANGLES ±.5 FINISH -	
MATERIAL -		WEIGHT -	
CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 3 REV A	
DWN R.GRZYBOWSKI 10SEP107 CHK S.FLICKINGER 10SEP107 APVD S.FLICKINGER 10SEP107		NAME tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
PRODUCT SPEC -		APPLICATION SPEC -	
SIZE A		CAGE CODE 00779	
DRAWING NO C=6646565		RESTRICTED TO -	

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

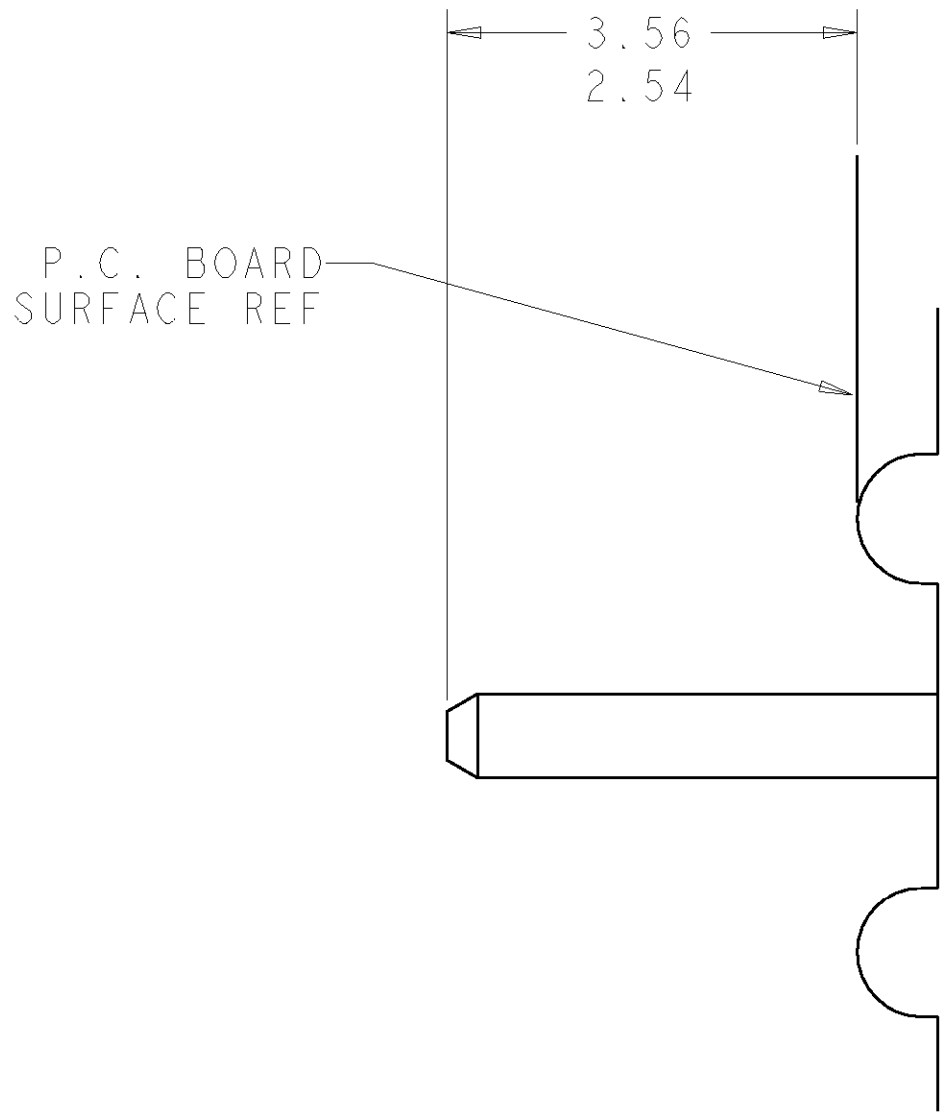


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

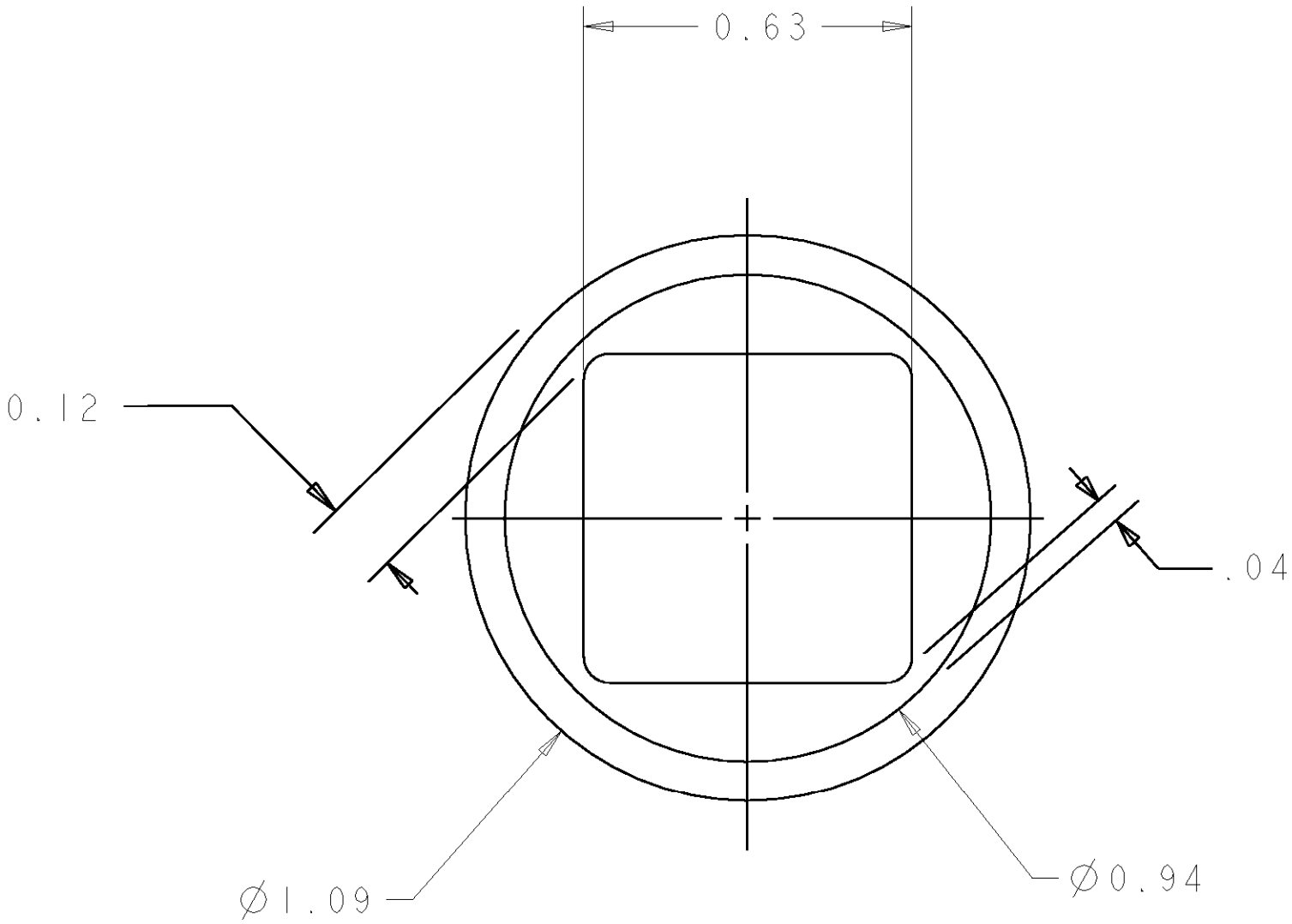
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP100	8	8	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP313	1	22	6	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS

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DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK S. FLICKINGER	10SEP107	NAME STRAIGHT SOCKET CONNECTOR ASSY SOLDER TAILS -		RESTRICTED TO	
				APVD S. FLICKINGER	10SEP107				
				PRODUCT SPEC					
				APPLICATION SPEC					
						SIZE		CAGE CODE	
						DRAWING NO.			
MATERIAL		FINISH		WEIGHT		A 00779		C=6646565	
-		-		-		SCALE		4:1	
				CUSTOMER DRAWING		SHEET		2 OF 3	
						REV		A	

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



5. SOLDER PIN DETAIL
SCALE 10 : 1



SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

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DIMENSIONS: mm [INCHES]		CHK S.FLICKINGER	JOSEPT07	NAME STRAIGHT SOCKET CONNECTOR ASSY SOLDER TAILS	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 [.001] 8 PLC ±.01 [.001] 7 PLC ±.01 [.001] 6 PLC ±.01 [.001] 5 PLC ±.01 [.001] 4 PLC ±.01 [.001] 3 PLC ±.01 [.001] 2 PLC ±.01 [.001] 1 PLC ±.01 [.001]		APVD S.FLICKINGER	JOSEPT07	SIZE A	
MATERIAL -		PRODUCT SPEC -	APPLICATION SPEC -	CAGE CODE 6646565	
FINISH -		WEIGHT -	CUSTOMER DRAWING		RESTRICTED TO -
SCALE 4:1		SHEET 3		OF 3	REV A

Mouser Electronics

Authorized Distributor

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[6646565-1](#)