

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED	15APR08	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 BANDS - 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 PLATE 1.27μm MIN THK.

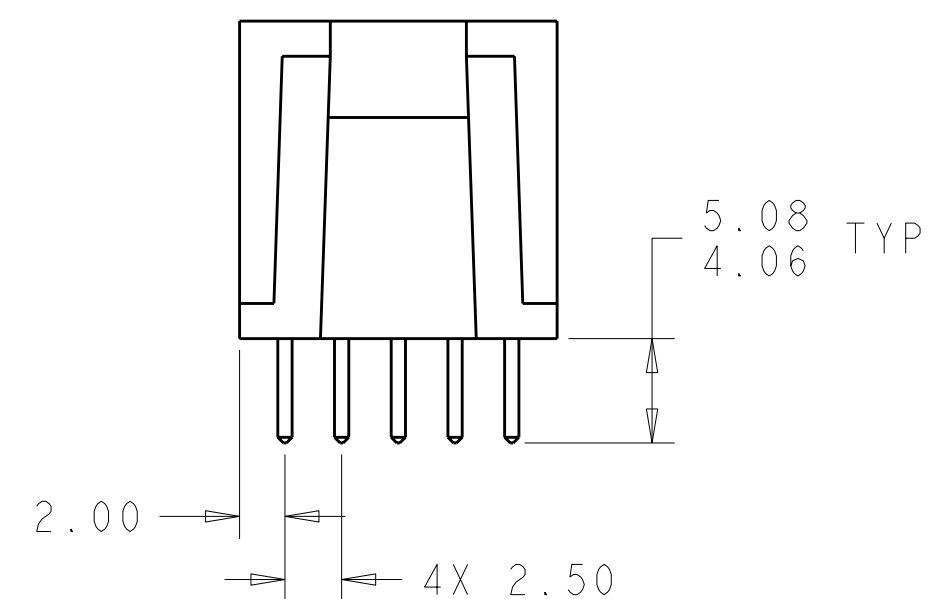
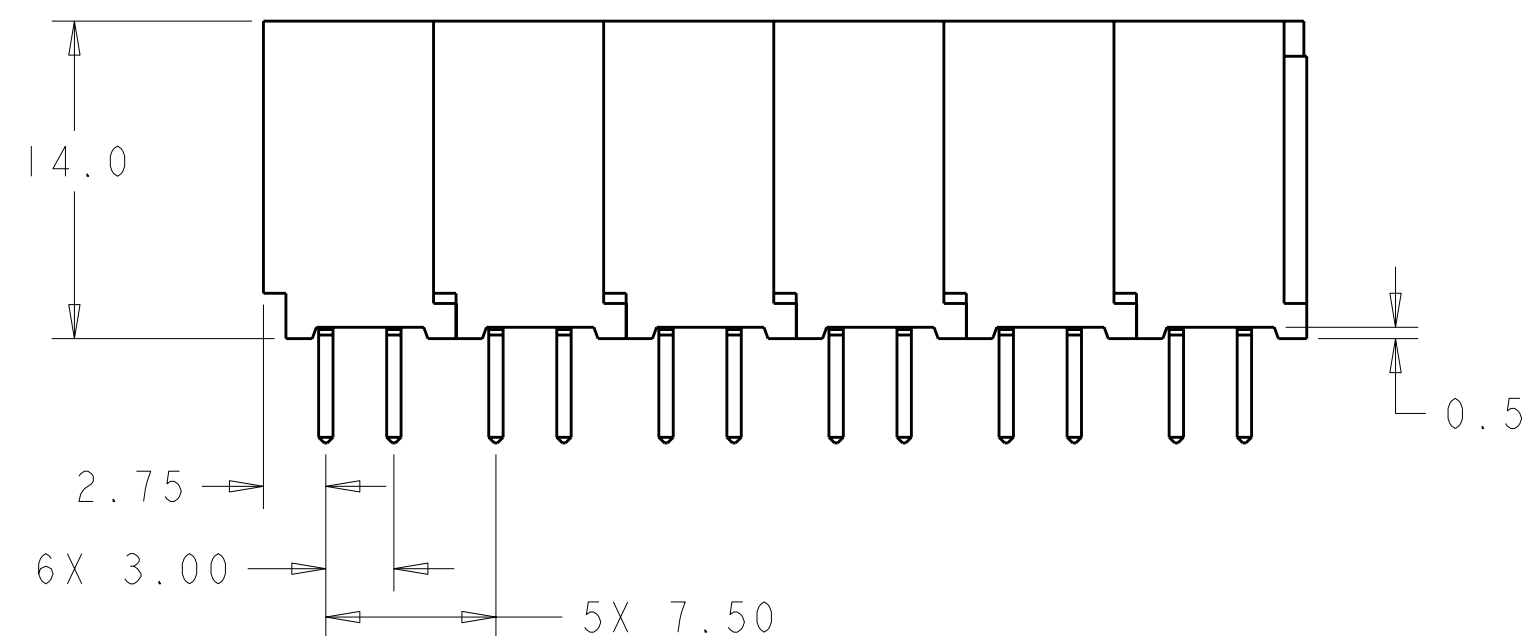
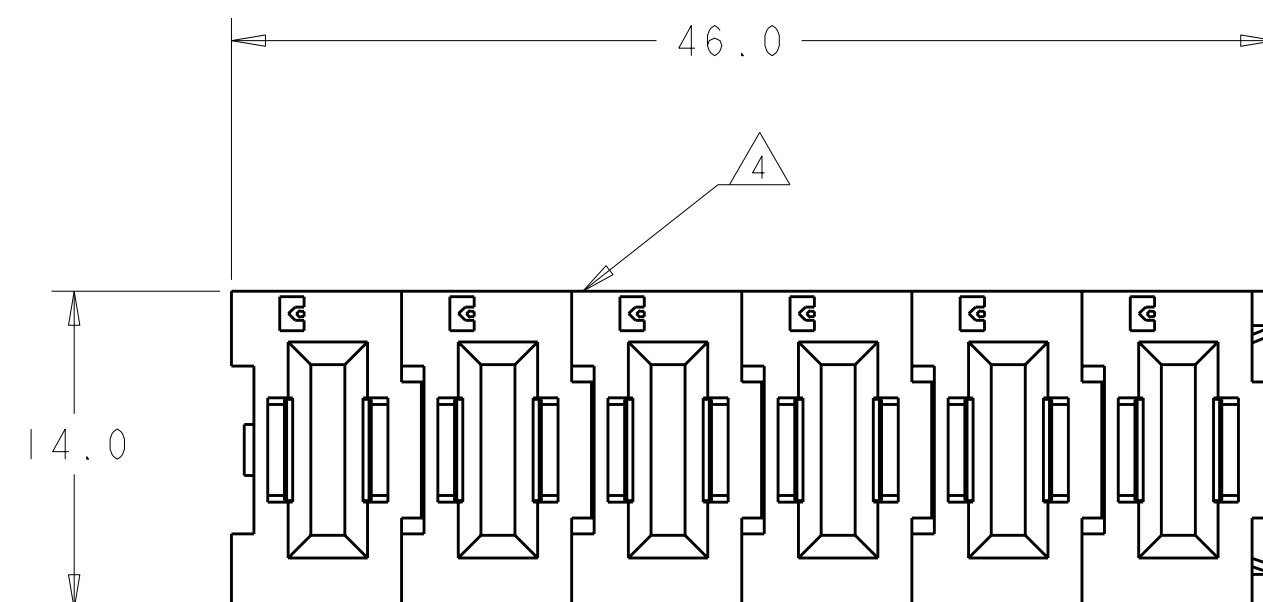
4 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR WEEK

TYCO ELECTRONICS P/N

DATE CODE (e.g. 0106)

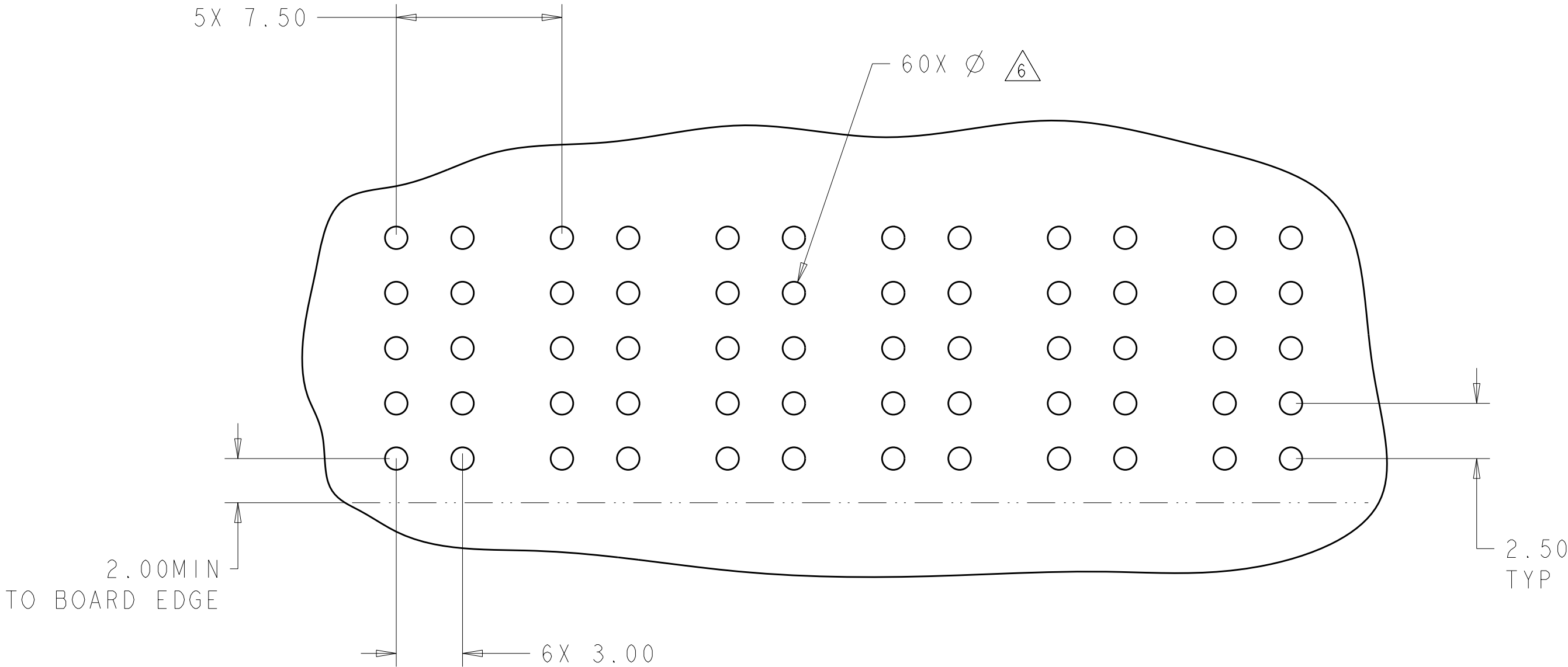
XXXXXXXXXX - X



AS SHOWN	6651507-1
DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TWO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 16 APRIL 08	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK P. DAMATO 16 APRIL 08	NAME SOCKET CONNECTOR ASSEMBLY SOLDER TAILS, STRAIGHT FLATPAQ	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. FLICKINGER 16 APRIL 08		
		PRODUCT SPEC -		
0 PLC ±. 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH		APPLICATION SPEC -		
MATERIAL 	-	WEIGHT -	SIZE A2	CAGE CODE 00779
			DRAWING NO C-6651507	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	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
SCALE 5:1

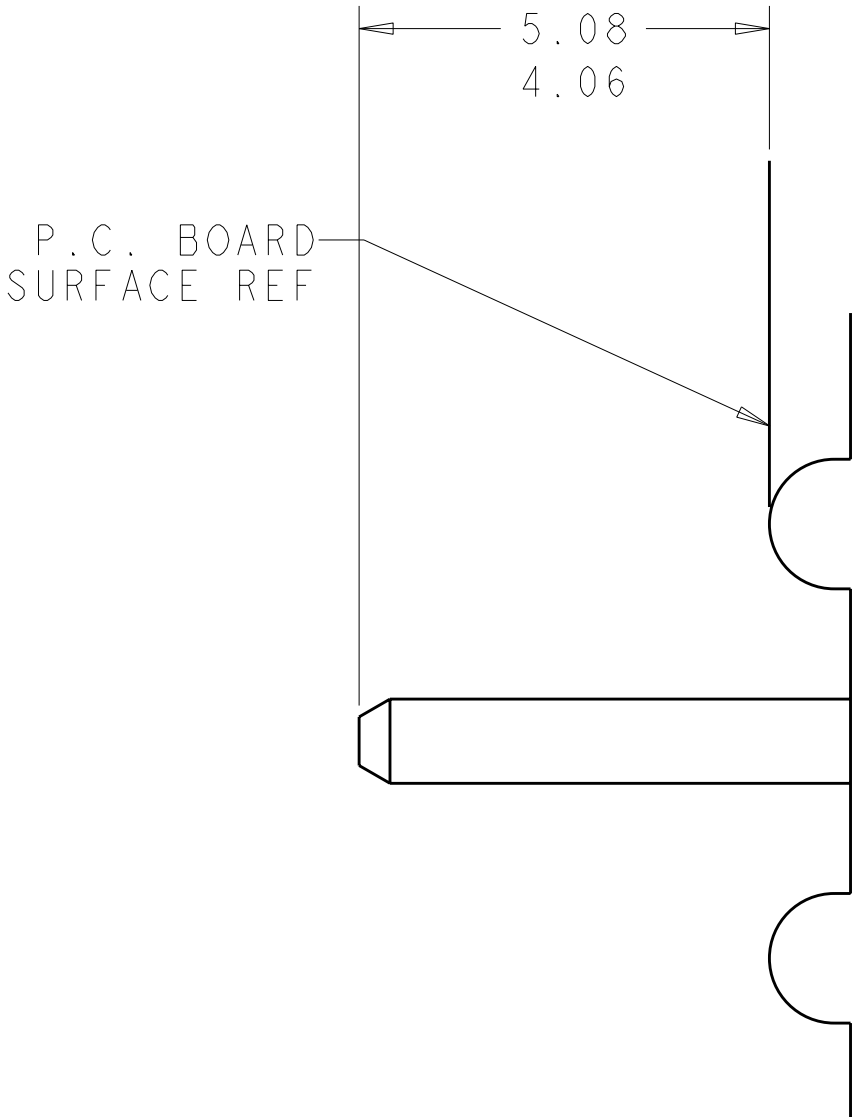
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FPI00	6	8	6	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250

ELCON

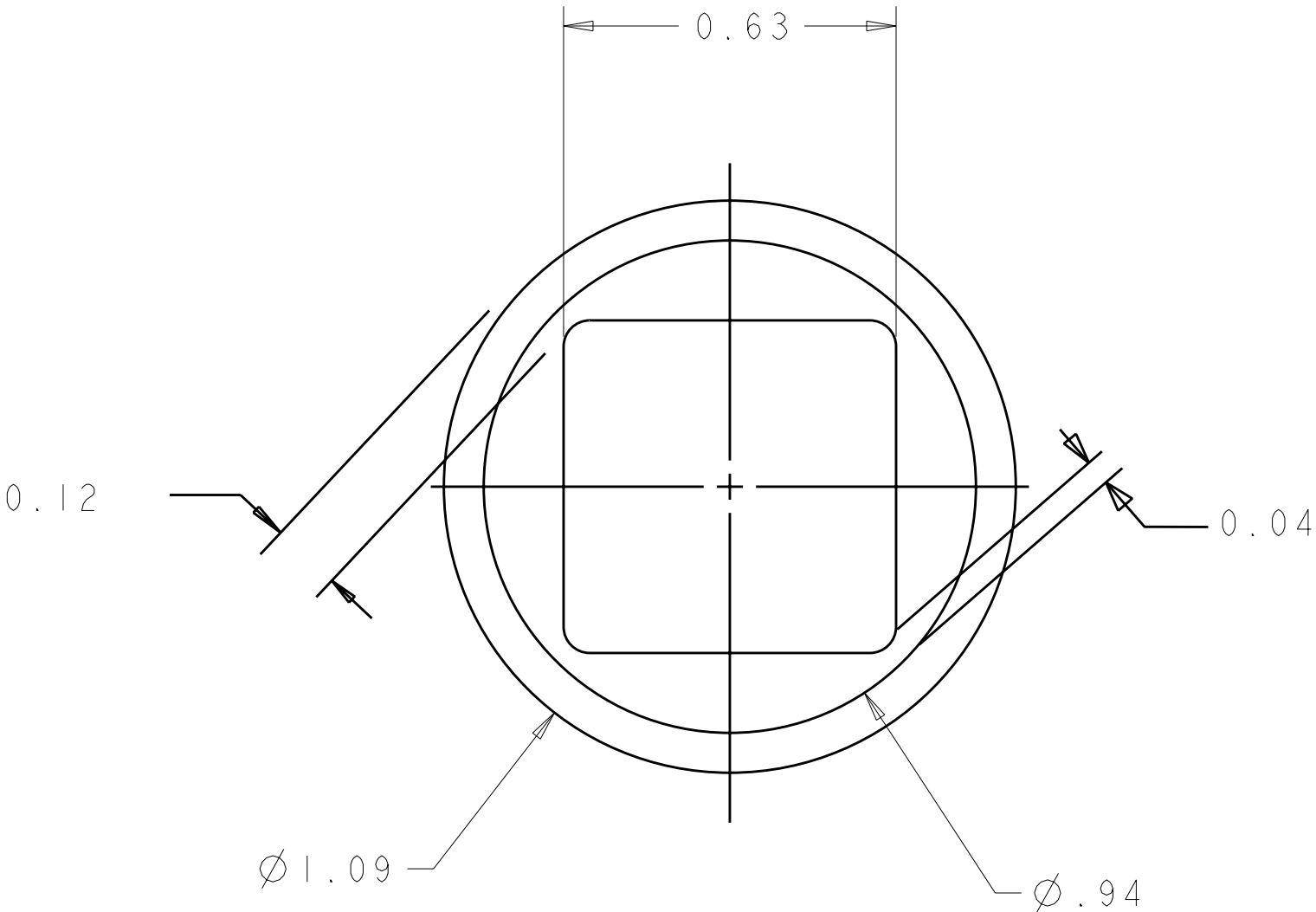
FLATPAQ

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN R.GRZYBOWSKI 16APRIL08	Tyco Electronics Harrisburg, PA 17105-3608		
DIMENSIONS: mm				CHK P.DAMATO 16APRIL08			
				APVD S.FLICKINGER 16APRIL08	NAME SOCKET CONNECTOR ASSEMBLY SOLDER TAILS, STRAIGHT FLATPAQ		
				PRODUCT SPEC -			
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPLICATION SPEC -	SIZE A200779	CAGE CODE C-6651507	RESTRICTED TO -
MATERIAL -				WEIGHT -	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 TAIL DETAIL
SCALE 10 : 1



6. SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
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)

ELCON

FLATPAQ

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SOCKET CONNECTOR ASSEMBLY SOLDER TAILS, STRAIGHT FLATPAQ		
		0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH		SIZE	CAGE CODE	DRAWING NO
		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		A200779	C-6651507	RESTRICTED TO -
MATERIAL -		CUSTOMER DRAWING		SCALE 4:1	SHEET 3 OF 3	REV A

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6651507-1](#)