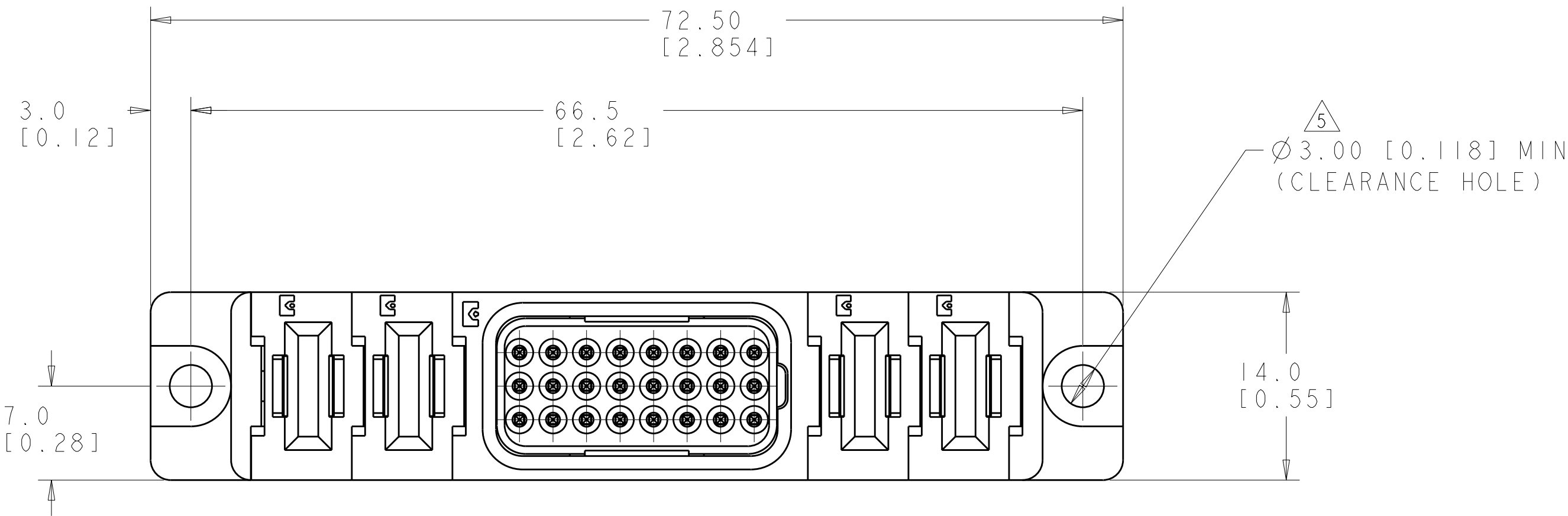


LOC		DIST		REVISIONS						
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD	
				A		RELEASED	31 JULY06	RG	DO	
				B		REV PER ECO-11-020831	12SEP2011	RG	MS	



1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO 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 .000030 INCH MIN. THK., OVER NICKEL
.000050 INCH MIN. THK
SOLDER TAILS, TIN .000100 INCH MIN. THK.
OVER NICKEL .000050 MIN THK.

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

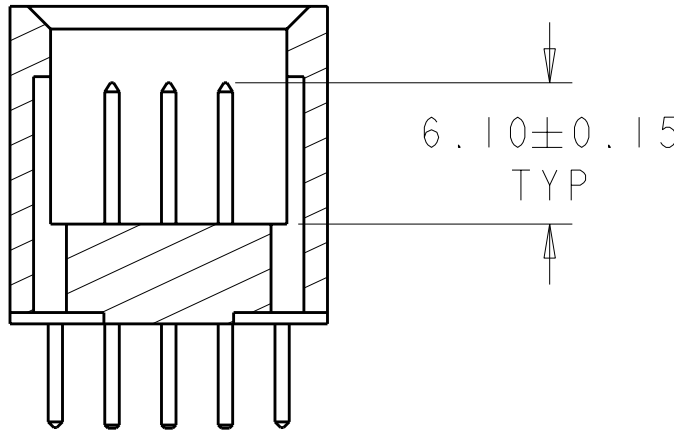
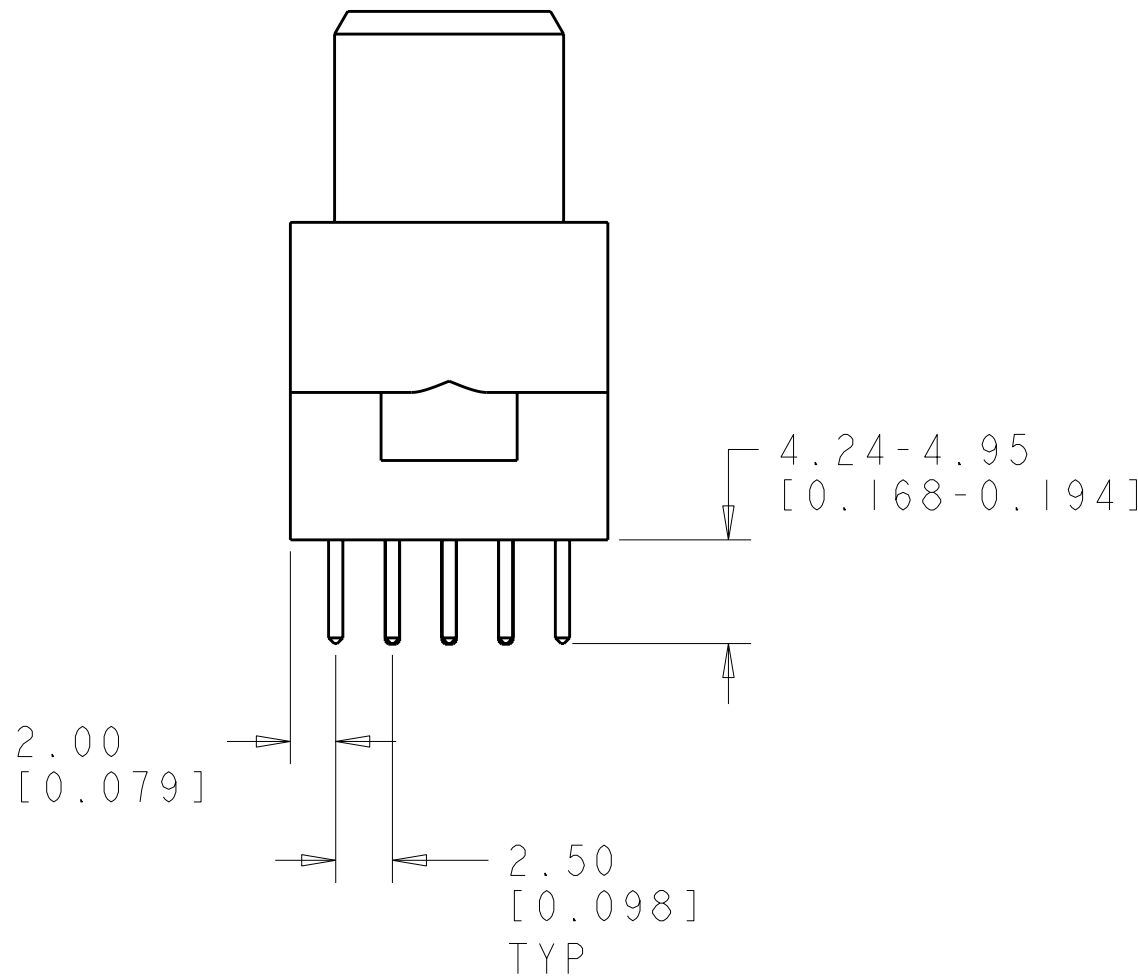
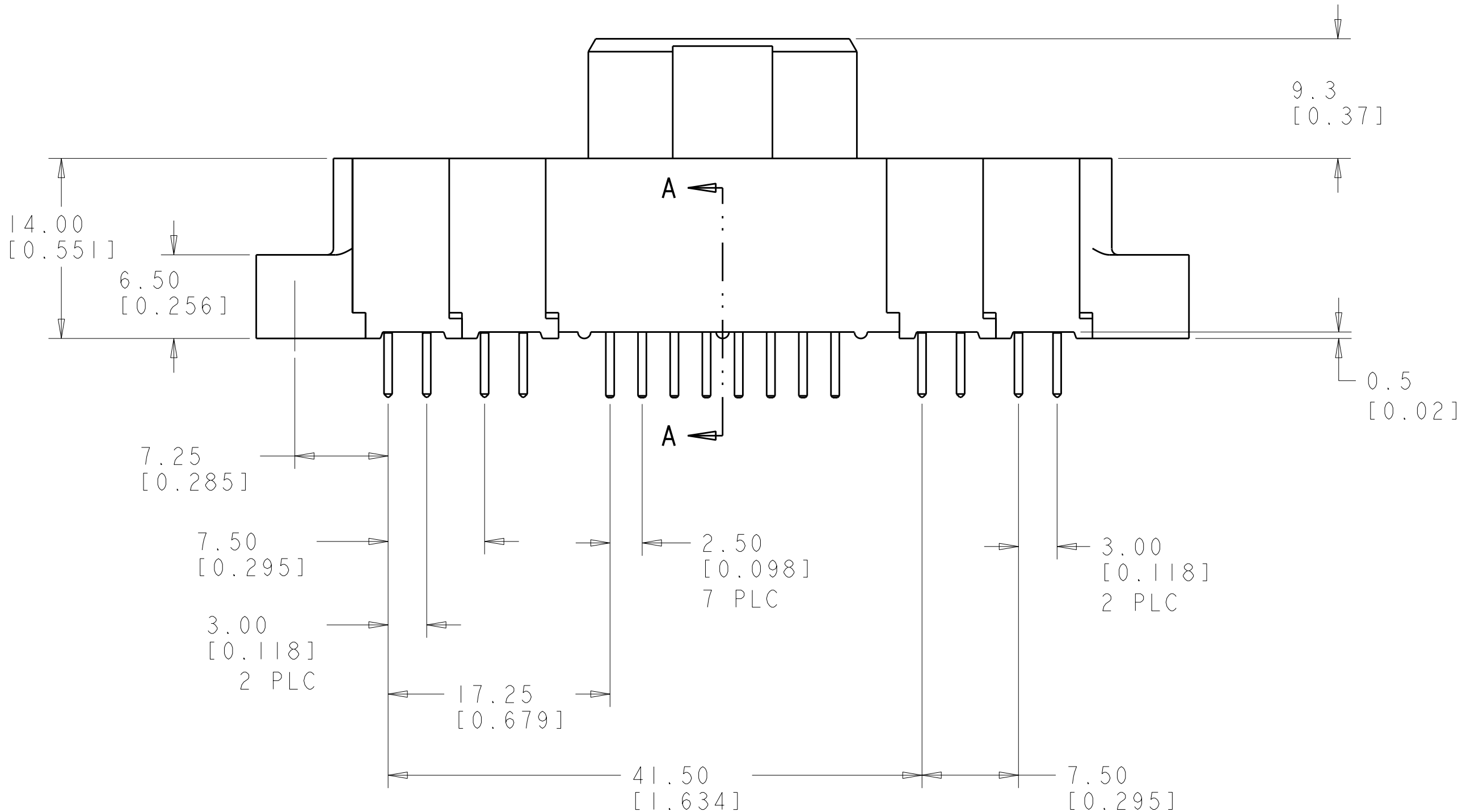
YEAR WEEK

TYCO PART NO. DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

MOUNTING FLANGE ACCEPTS M3 OR #4-40 SCREWS. (USER SUPPLIED)

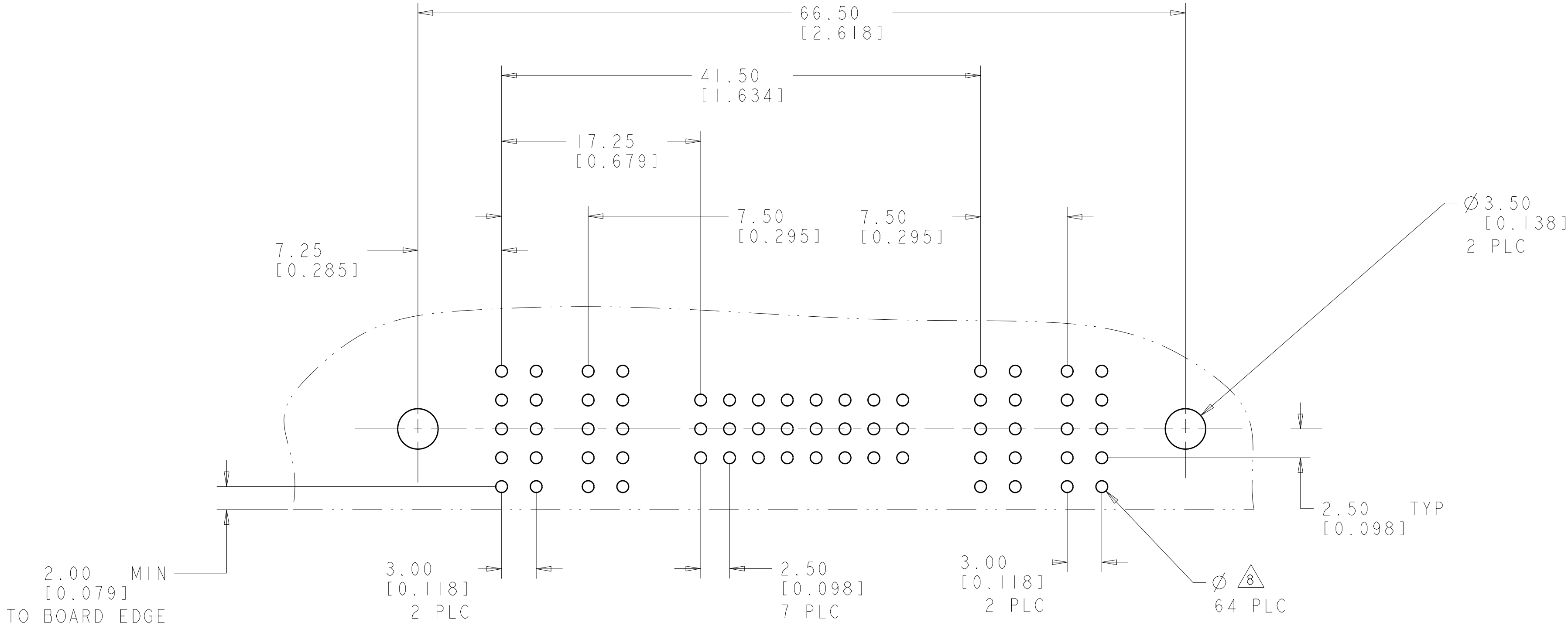
ELCON REFERENCE PART NUMBER DESIGNATION: 278-0088-10200A



SECTION A-A
GENDER CHANGER REMOVED
FOR CLARITY

AS SHOWN		6646277-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.3 1 PLC ±0.3 2 PLC ±0.15 3 PLC ±.3 4 PLC ±.3 ANGLES ±.5 FINISH -	
MATERIAL -		WEIGHT -	
CUSTOMER DRAWING		SCALE 3:1 SHEET 1 OF 3 REV B	
DWN R.GRZYBOWSKI 31JULY06 CHK D.ORRIS 31JULY06 APVD S.CLICKINGER 31JULY06		NAME PRODUCT SPEC APPLICATION SPEC	
Tyco Electronics Harrisburg, PA 17105-3608		STRAIGHT SOCKET CONNECTOR SOLDER TAILS	
SIZE CAGE CODE DRAWING NO		RESTRICTED TO	
A100779C=6646277		-	

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP150	4	4	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP318	1	24	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

ELCON FLATPAQ

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DIMENSIONS:
mm [INCHES]

MATERIAL

-

FINISH

-

DWN
R. GRZYBOWSKI
CHK
D. ORRIS
APVD
S. FLICKINGER

31 JULY 06
31 JULY 06
31 JULY 06

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.3
1 PLC ±0.15
2 PLC ±.15
3 PLC ±.15
4 PLC ±.15
ANGLES ±.5
FINISH -

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

tyco
Electronics

Tyco Electronics
Harrisburg, PA 17105-3608

STRAIGHT SOCKET CONNECTOR
SOLDER TAILS

-

A100779C=6646277

-

SCALE

3:1

SHEET

2

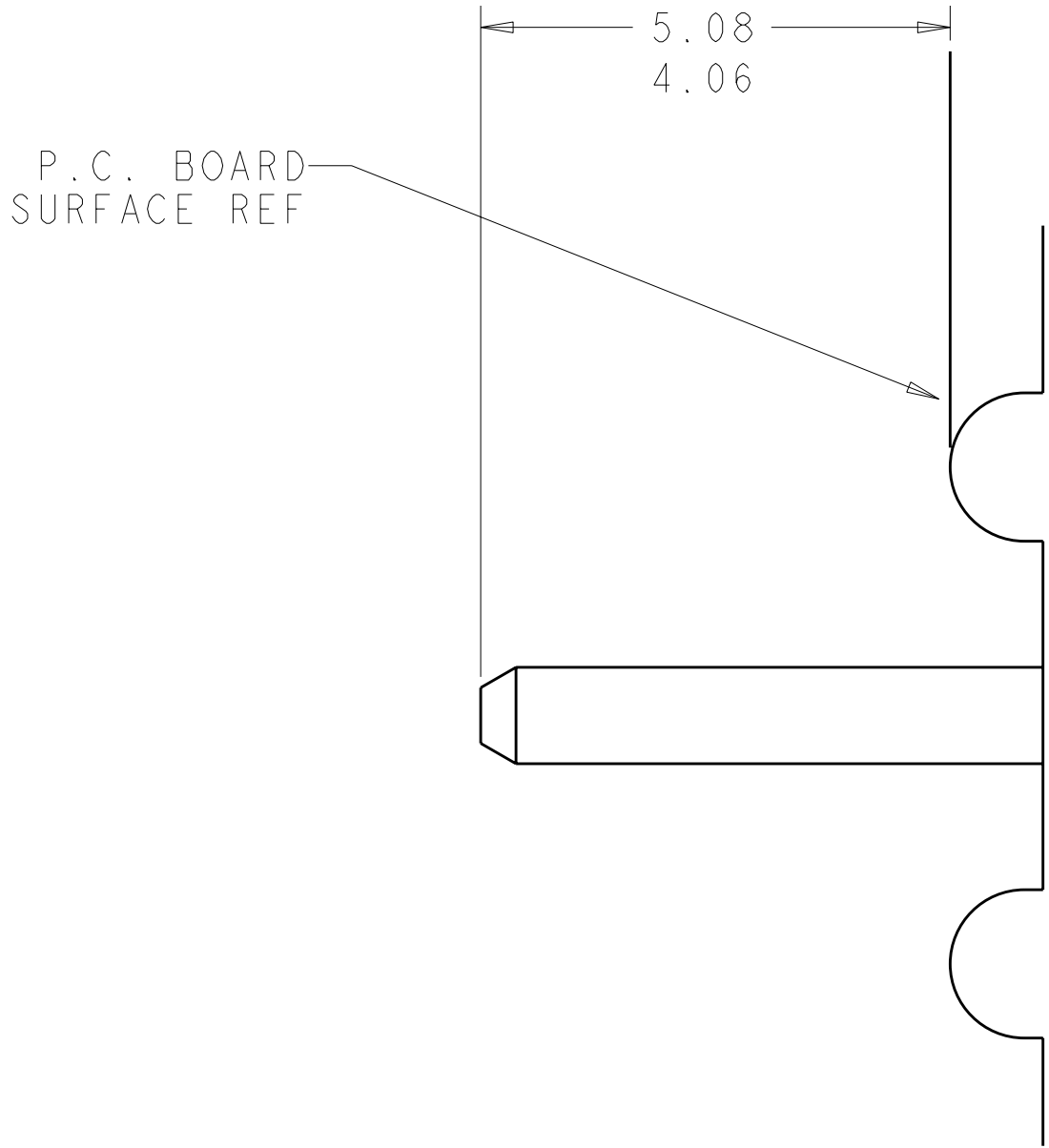
OF

3

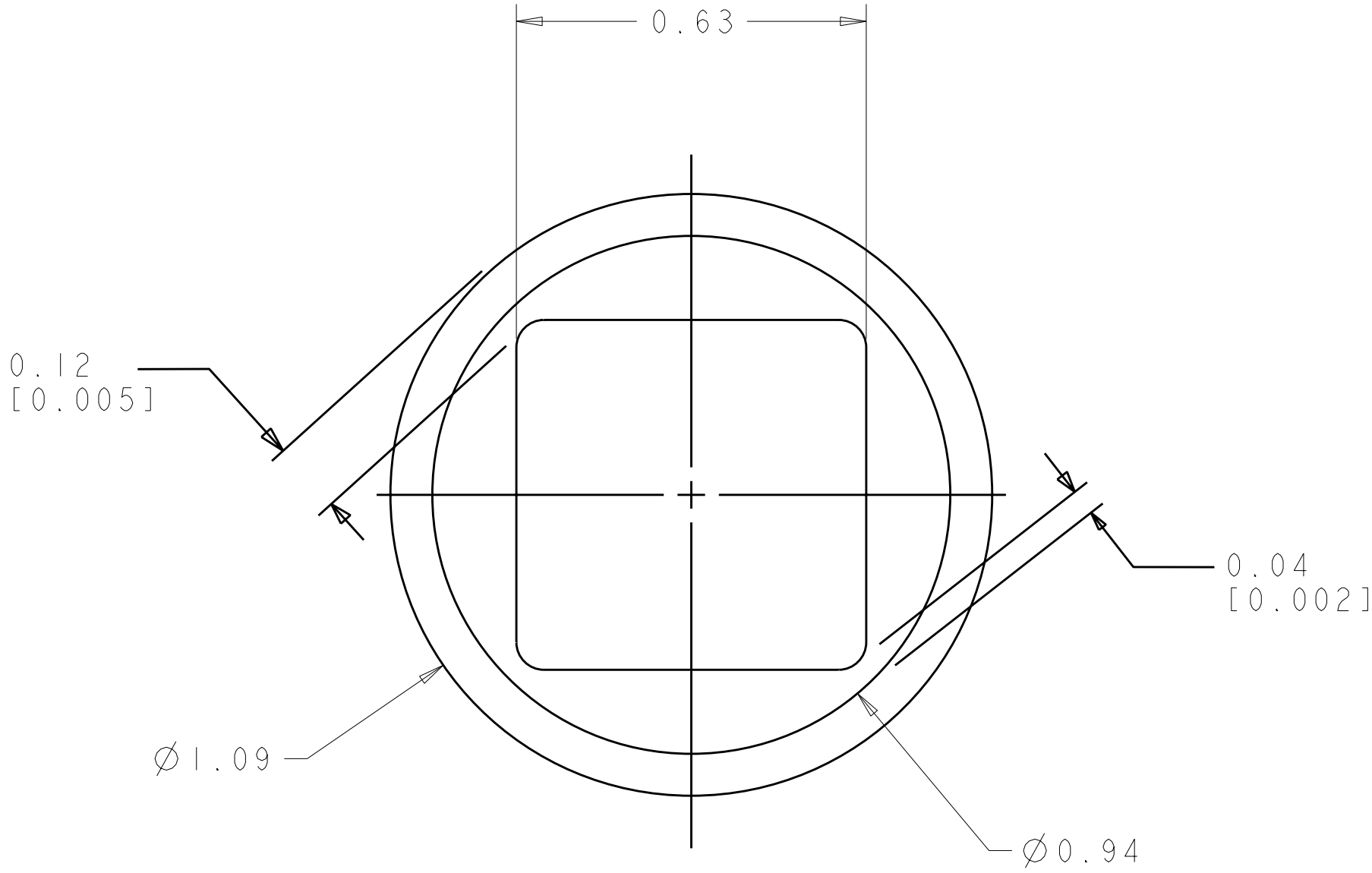
REV

B

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

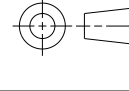


7. SOLDER PIN DETAIL
SCALE 10:1



 SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: $\varnothing 1.02$ [.040] $\pm .008$ [.0003]
DRILLED HOLE: $\varnothing 1.15$ [.0453] $\pm .013$ [.0005]
COPPER PLATE: .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

ELCON FLATPAQ

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		CHK D. ORRIS	31JULY06			
		APVD S. FLICKINGER	31JULY06			
		PRODUCT SPEC				
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME STRAIGHT SOCKET CONNECTOR SOLDER TAILS		
		0 PLC	±	SIZE A100779		
		1 PLC	±0.3			
		2 PLC	±0.15			
		3 PLC	±			
MATERIAL -		4 PLC	±	DRAWING NO C=6646277		
		5 PLC	±			
FINISH -		ANGLES	± 5	RESTRICTED TO -		
		FINISH	-			
CUSTOMER DRAWING				SCALE 3:1	SHEET 3 OF 3	REV B

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6646277-1](#)