

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	RELEASED		15FEB2007	RG	PD	

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
SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
GUIDE PIN-COPPER ALLOY
3. FINISH:

CONTACTS - GOLD PLATE .000030" MIN. THK., OVER NICKEL
.000050" MIN. THK
TERMINALS- TIN .000120" MIN. THK. OVER NICKEL .000050 MIN THK.
GUIDE PIN - SILVER PLATE .000200" MIN THK. OVER NICKEL .00004" MIN THK.

- △ 4

ACTIVE GUIDE PIN ACCEPT M3 SCREWS, (USER SUPPLIED)
5. THIS CONNECTOR MATES WITH SOCKET CONNECTOR PN 1926308-1
- △ 6

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

TYCO PART NO.

XXXXXXXX-X

DATE CODE

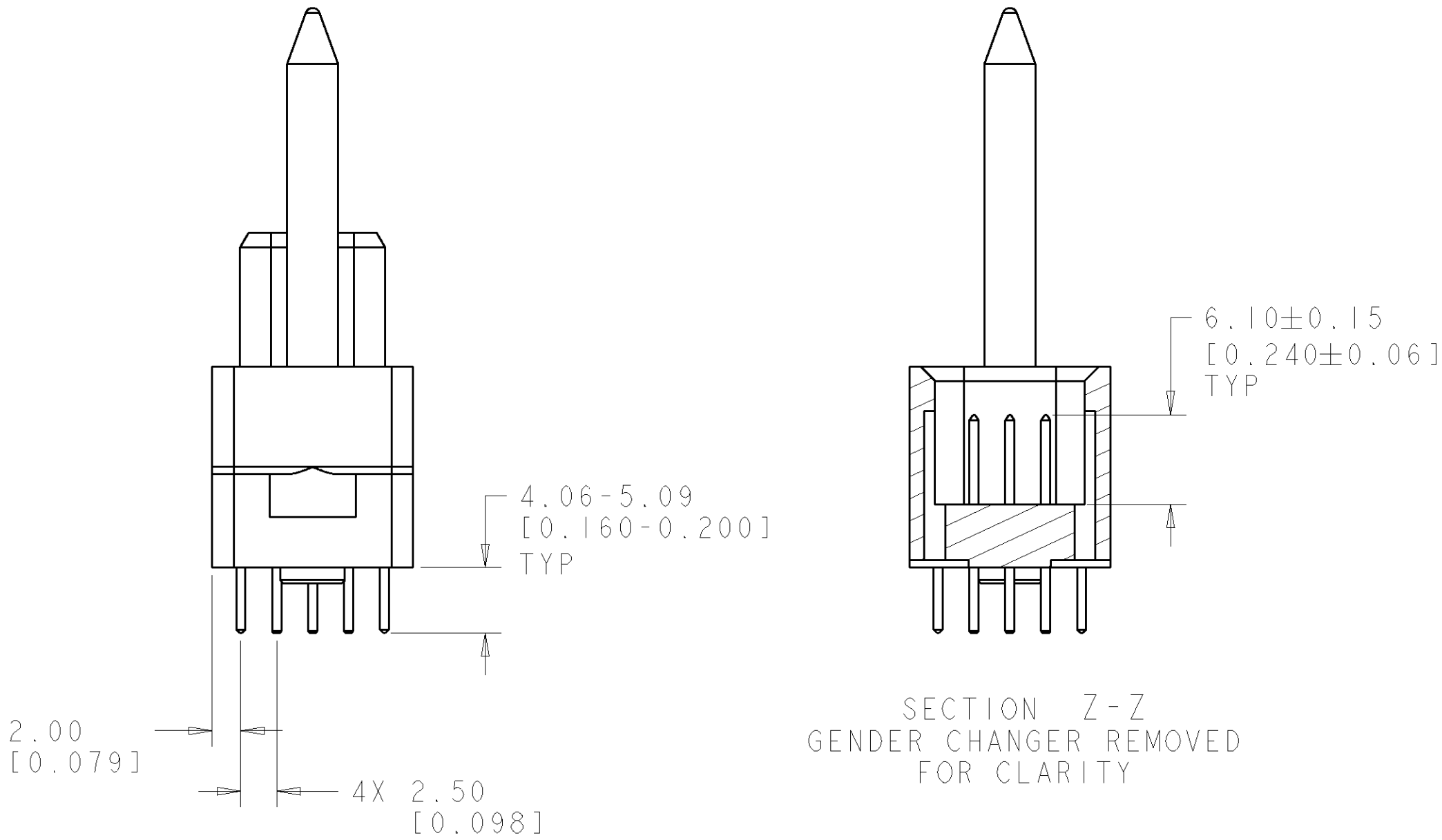
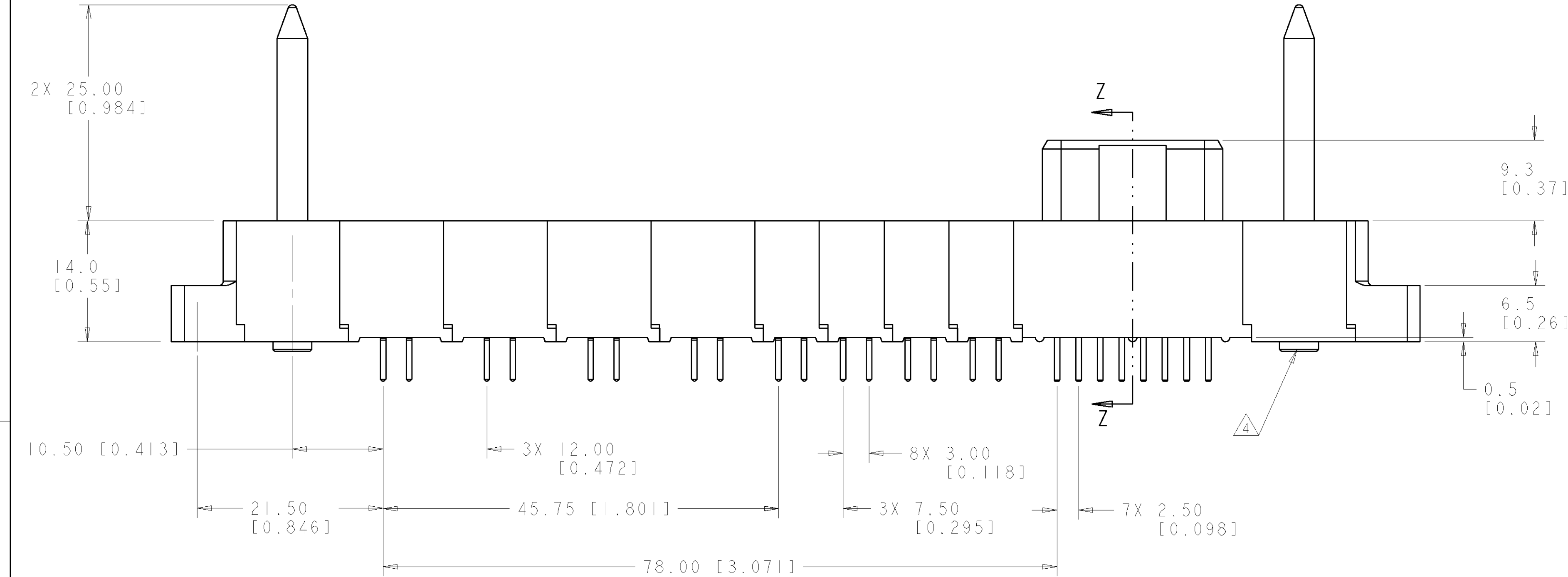
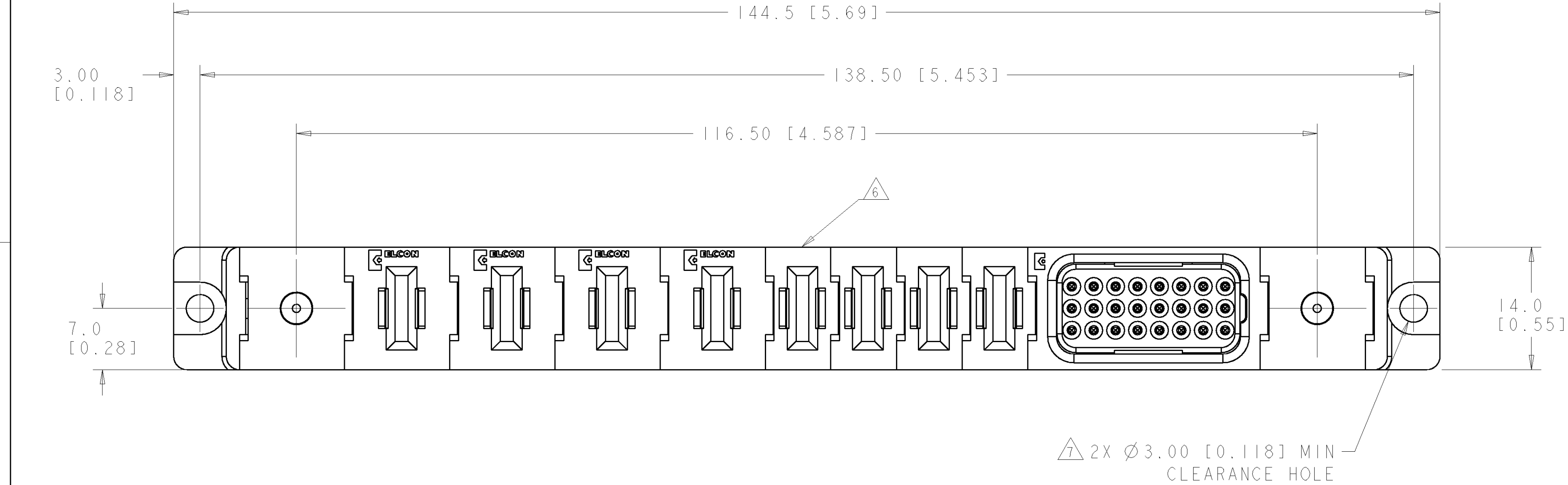
XXXX

YEAR

WEEK

(e.g. 0106)
- △ 7

MOUNTING FLANGES ACCEPT #6 SCREWS. (USER SUPPLIED)



ELCON

FLATPAQ

AMP 4805 REV 31MAR2000

Pro/ENGINEER DRAWING

AS SHOWN

1926309-1

DESCRIPTION

PART NUMBER

DIMENSIONS:
mm [INCHES]

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.5 (.020)
±.25 (.010)
±
±
±.5

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.5 (.020)
±.25 (.010)
±
±
±.5

DWN
R. GRZYBOWSKI
CHK
P. DAMATO
APVD
S. FLICKINGER

01DEC06
01DEC06
01DEC06

PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

tyco

Electronics

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

SOCKET CONNECTOR
STRAIGHT, SOLDER TAILS
FLATPAQ

SIZE
A

CAGE CODE
100779

DRAWING NO
1926309

RESTRICTED TO
-

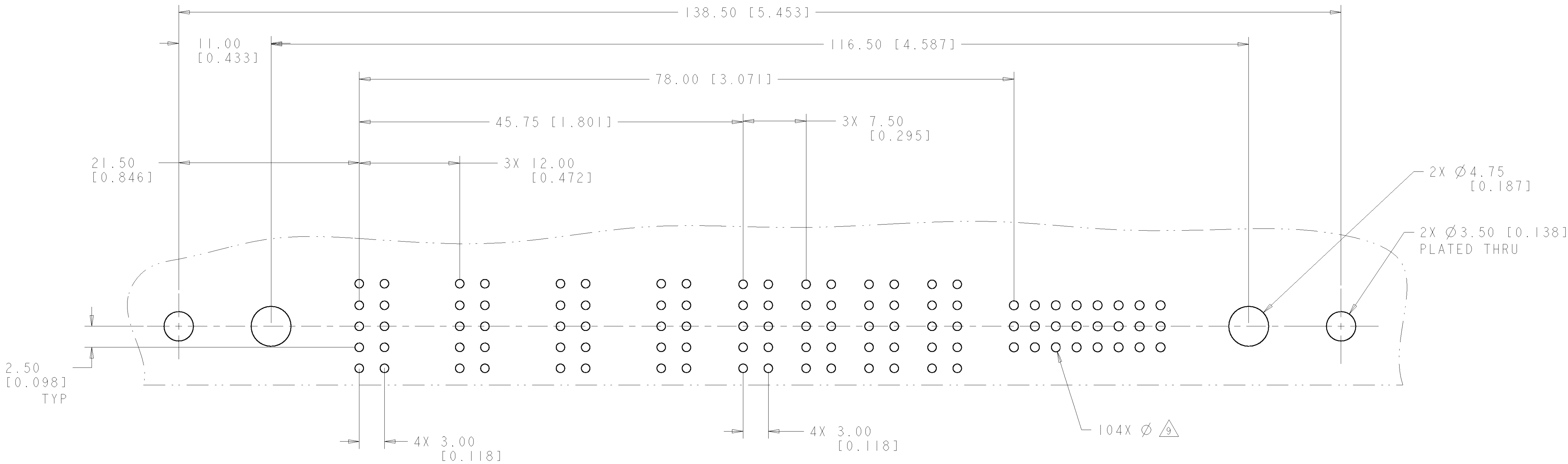
SCALE
2:1

SHEET
1

OF
3

REV
A

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

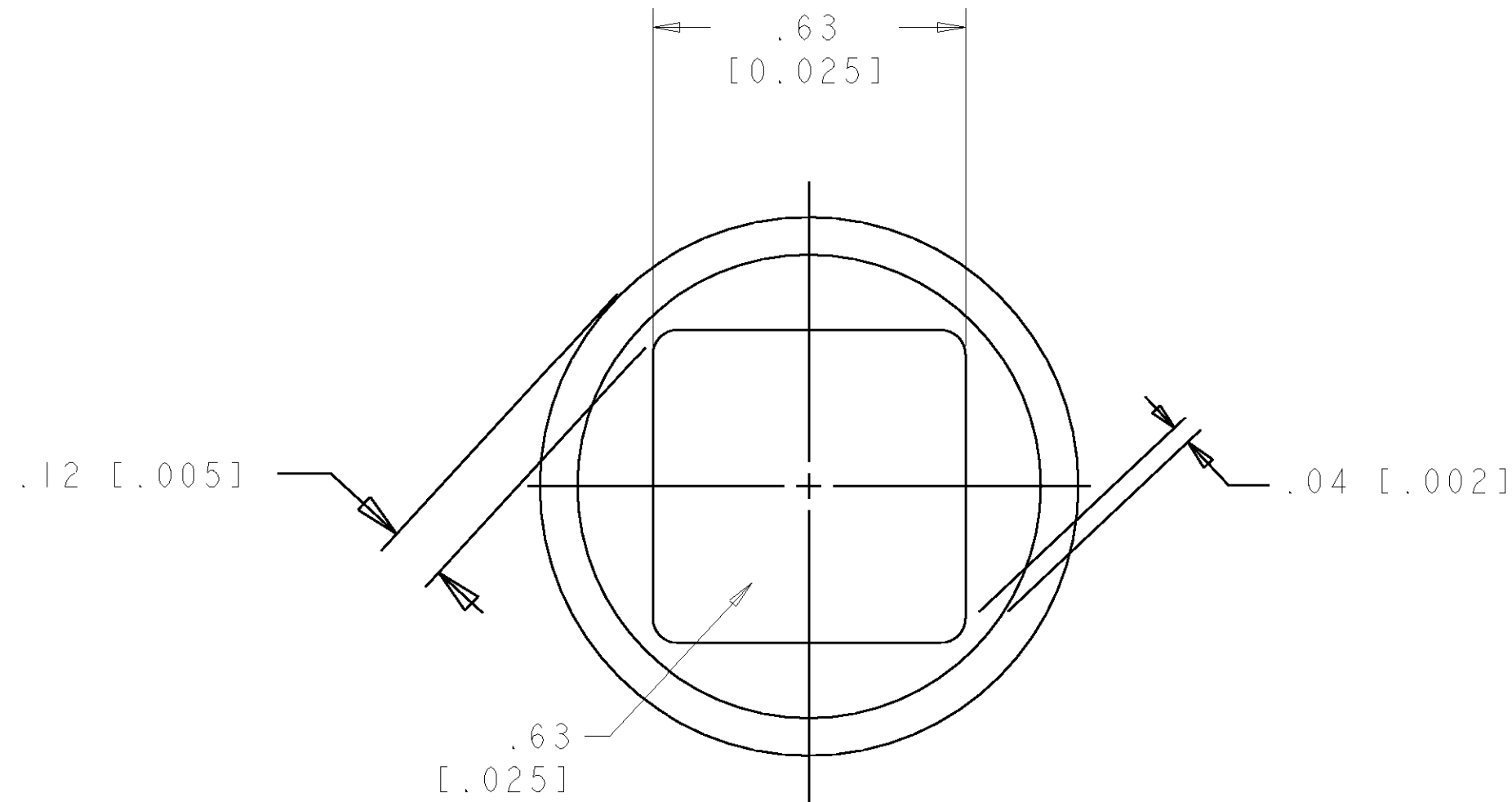


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP100	4	8	4	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [0.295]	250 VOLTS
	FP116	4	8	4	1.25 X 7.00 [.049 X .276]	35 amps	12.00 [.4724]	600 VOLTS
	FP301	1	22	24	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP515	2	ACTIVE STRAIGHT GUIDE PIN					
	FP500	1	MOUNTING FLANGE, LEFT					
	FP501	1	MOUNTING FLANGE, RIGHT					

ELCON FLATPAQ

DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI	01DEC06	tyco <i>Electronics</i>		Tyco Electronics Harrisburg, PA 17105-3608	
		0 PLC ±.25 [.010] 1 PLC ±.5 [.020] 2 PLC ±.25 [.010] 3 PLC ±.25 [.010] 4 PLC ±.25 [.010] ANGLES ±.5		CHK P. DAMATO	01DEC06				
MATERIAL -		FINISH -		APVD S. FLICKINGER	01DEC06	NAME		SOCKET CONNECTOR STRAIGHT, SOLDER TAILS FLATPAQ	
CUSTOMER DRAWING		WEIGHT -		APPROVAL		SIZE	CAGE CODE	DRAWING NO.	RESTRICTED TO
						A	00779	C=1926309	-
						SCALE	2:1	SHEET	2 OF 3
								REV	A



9 SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: $\varnothing 1.02$ [.040] $\pm .08$ [.003]
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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