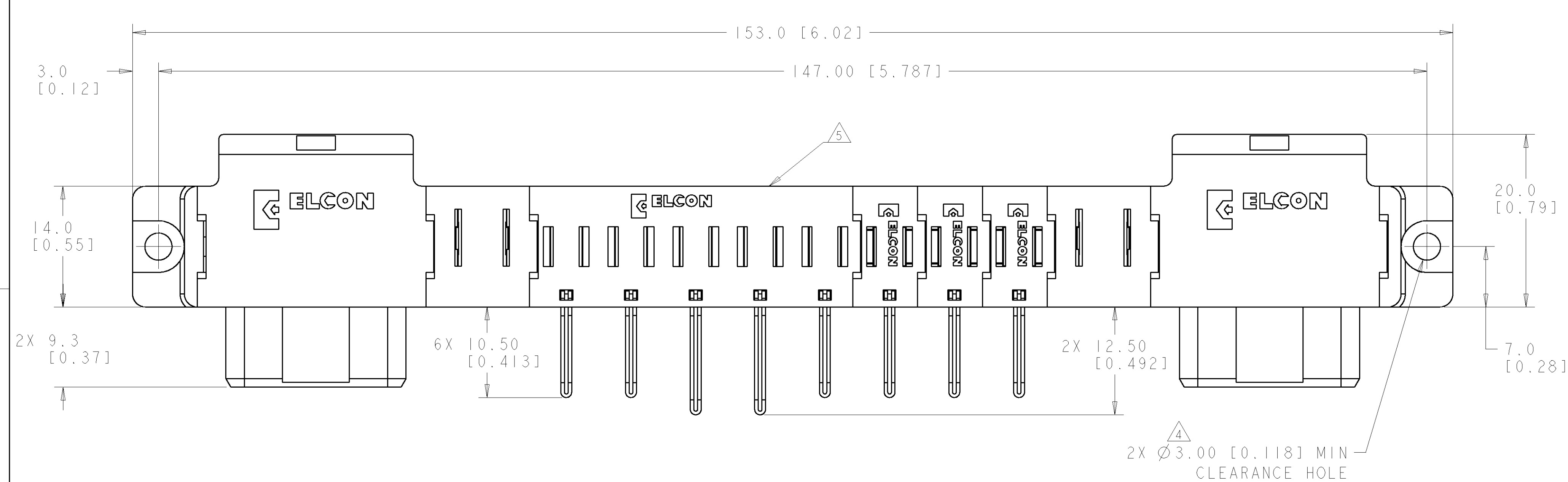


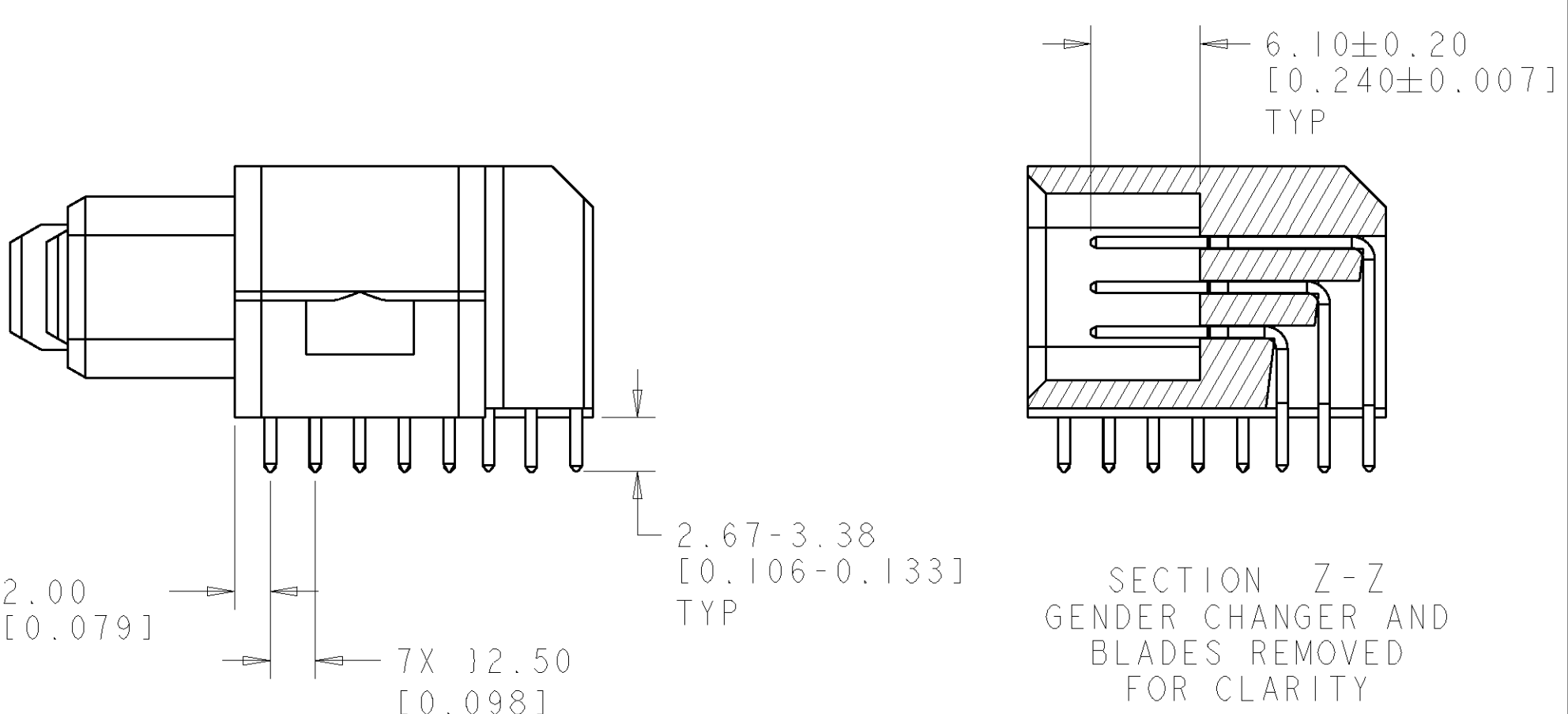
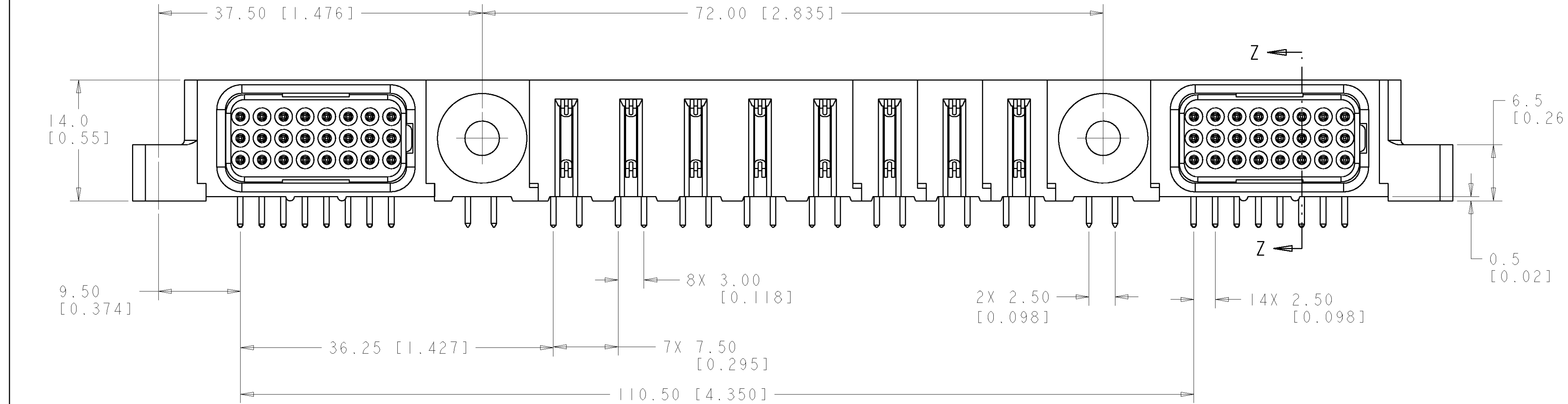
LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION			DATE	DWN	APVD
		A		NEW RELEASE			07MAY2007	RG	DO



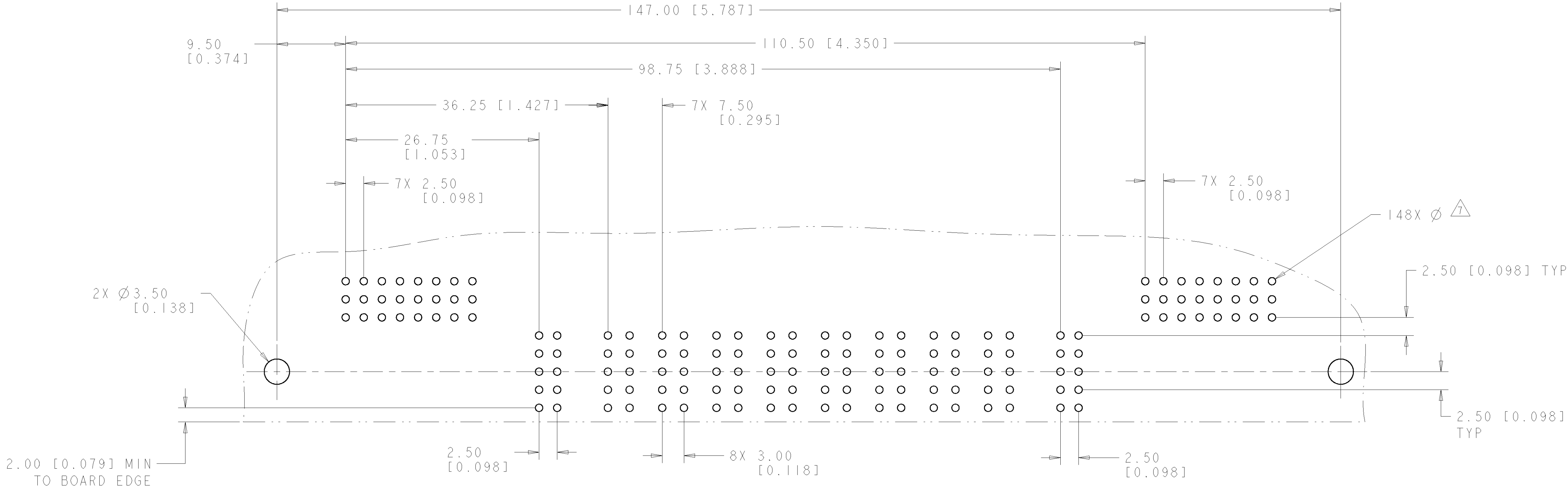
- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
- 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 MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS, (USER SUPPLIED)
- 5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

TYCO PART NO. XXXXXXXX-X
DATE CODE (e.g. 0106) YEAR 1 WEEK



LOC	DIST	REVISIONS					
GP	00	P	LTR	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	FPI51	6	6	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FPI52	2	2	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP303	2	48	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP516	2	2	RIGHT ANGLE GUIDE SOCKET				
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

THE DIMENSIONS TO DIMENSIONS SPECIFIED FOR THIS ELECTRONIC COMPONENT SHALL BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±.3 [.012]

2 PLC ±.15 [.006]

3 PLC ±.15 [.006]

4 PLC ±.15 [.006]

ANGLES ±.5

FINISH -

MATERIAL -

FINISH -

DWN R. GRZYBOWSKI 07MAY2007

CHK D. ORRIS 07MAY2007

APVD S. FLICKINGER 07MAY2007

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

Tyco Electronics

Harrisburg, PA 17105-3608

NAME SOCKET CONNECTOR, RIGHT ANGLE SHORT SOLDER TAILS FLATPAQ

SIZE A100779C=6646975

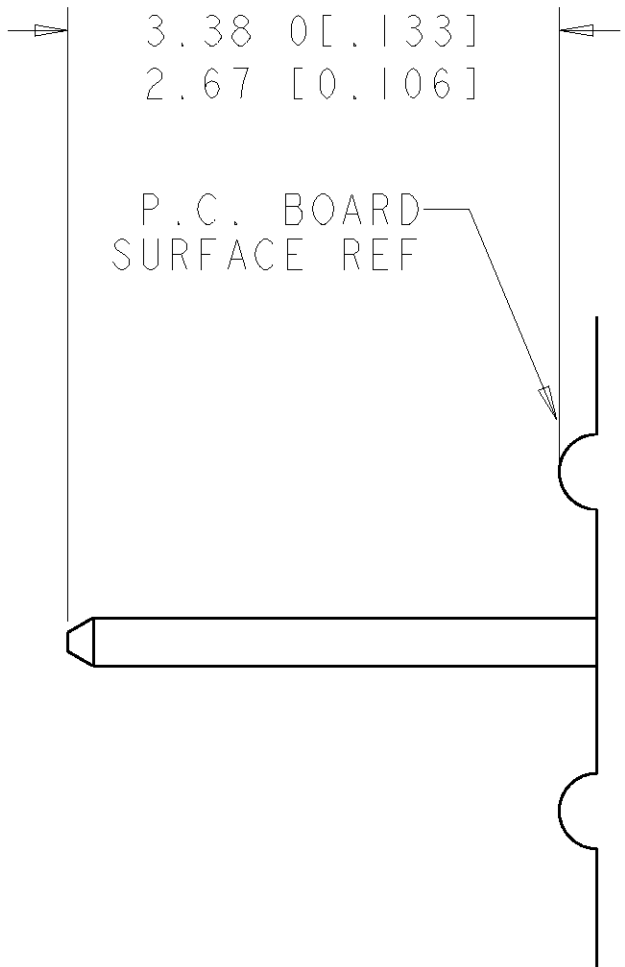
RESTRICTED TO -

SCALE 3:1

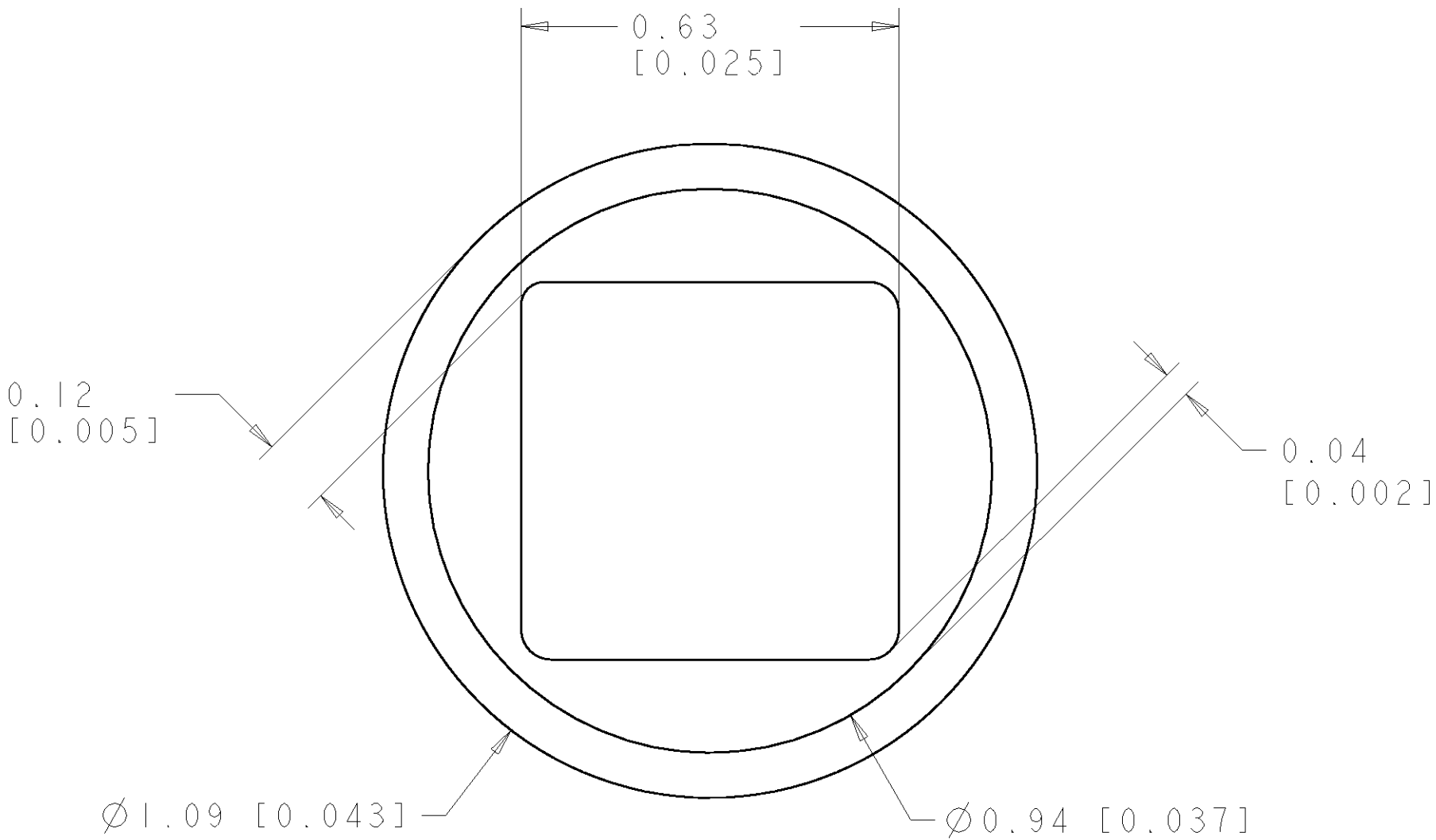
SHEET 2 OF 3

REV A

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



6. SOLDER PIN DETAIL
SCALE 10:1



SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [0.040] ±.08 [0.003]
DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]
COPPER PLATE: .025 [0.0010] MIN.
TIN PLATE: .008 [0.0003] MIN. (PER SURFACE)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6646975-1](#)