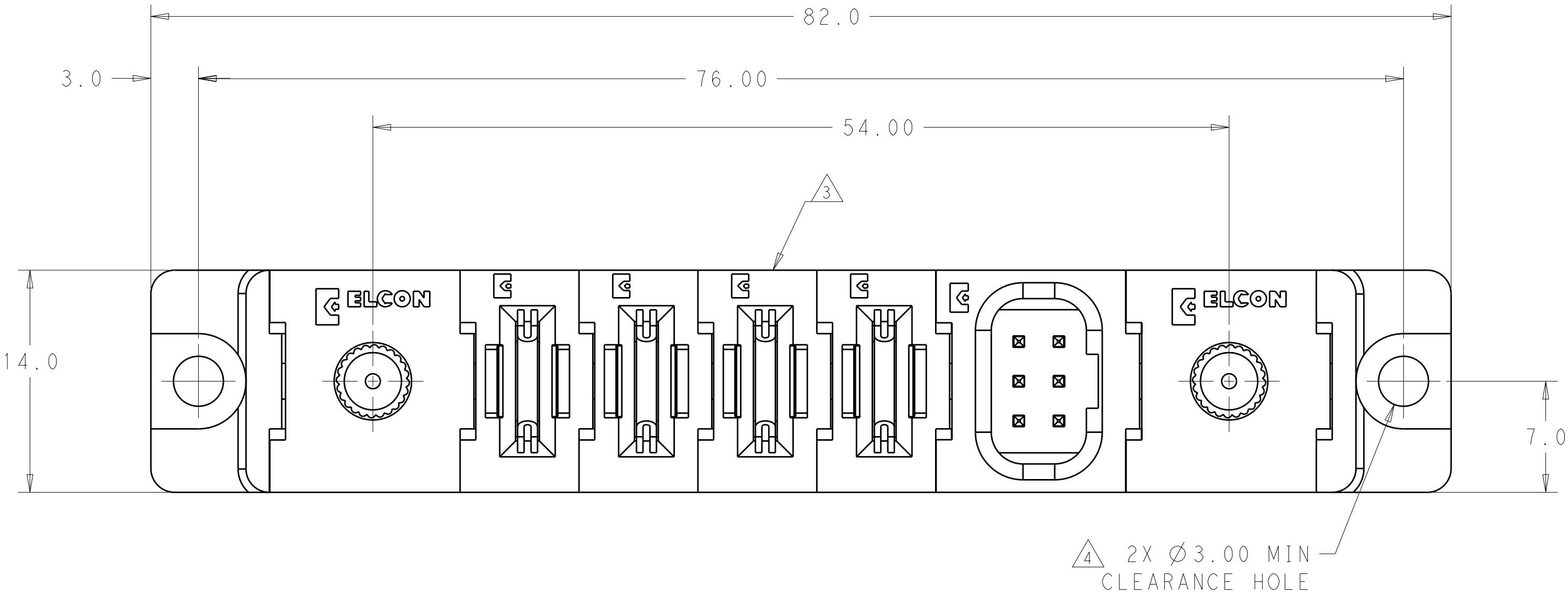


LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A	RELEASED	14JUL2010	RG	MS



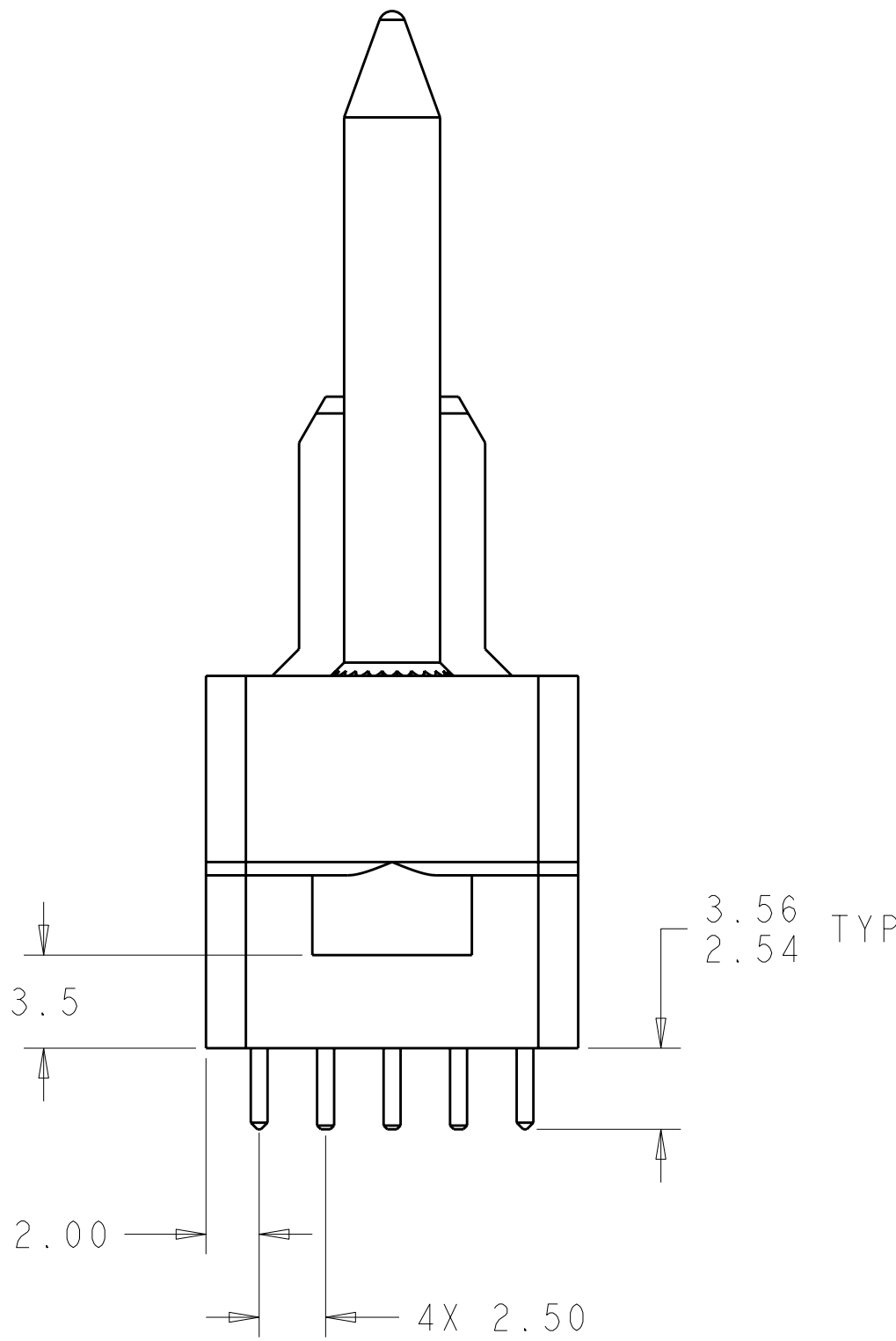
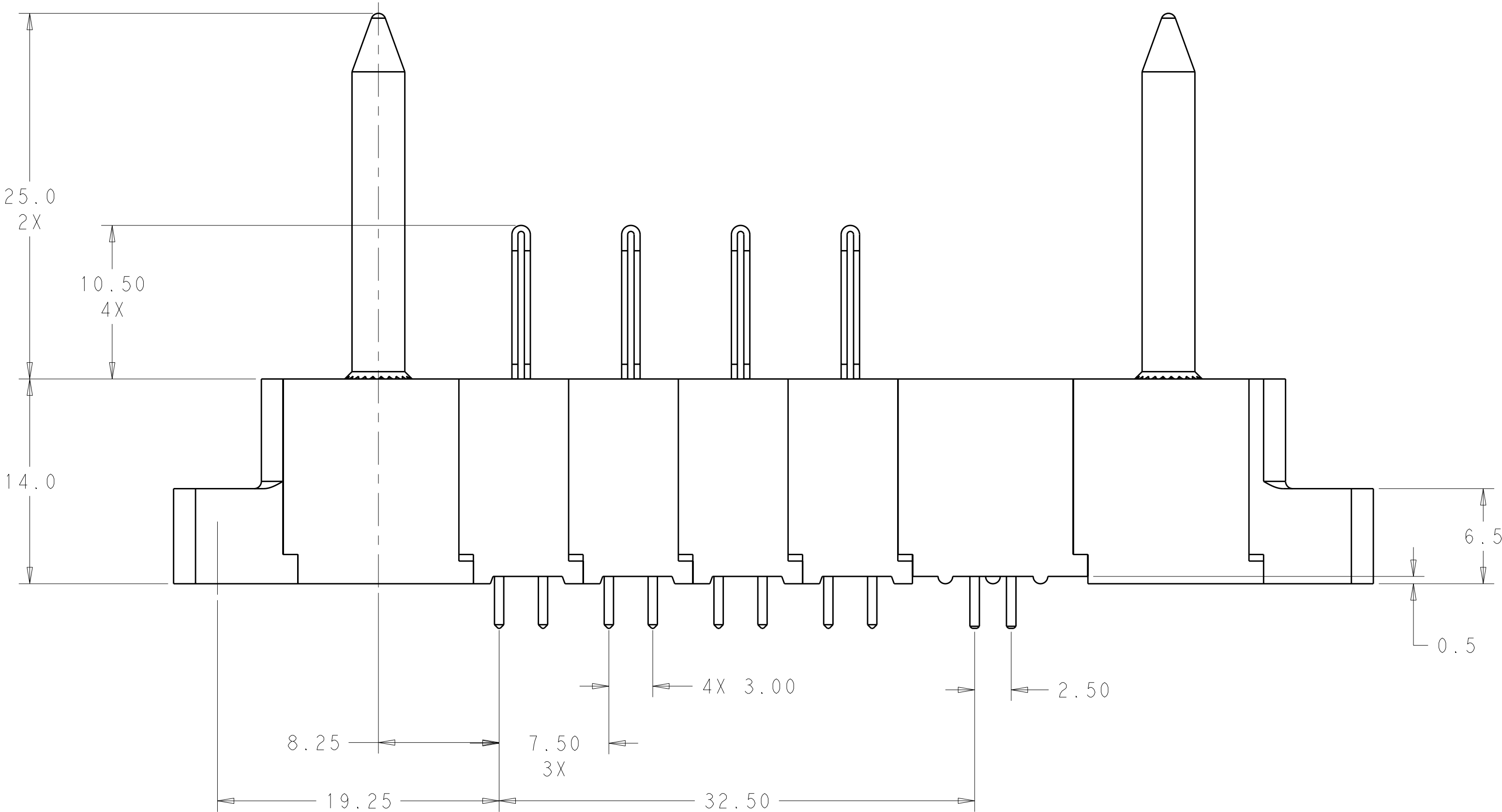
△ MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
SIGNAL PINS - COPPER ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS COPPER ALLOY

△ 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.
GUIDE PIN - NICKEL 1.02µm MIN THK.

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

TYCO ELECTRONICS P/N YEAR WEEK
XXXXXXXX-X XXXX 106

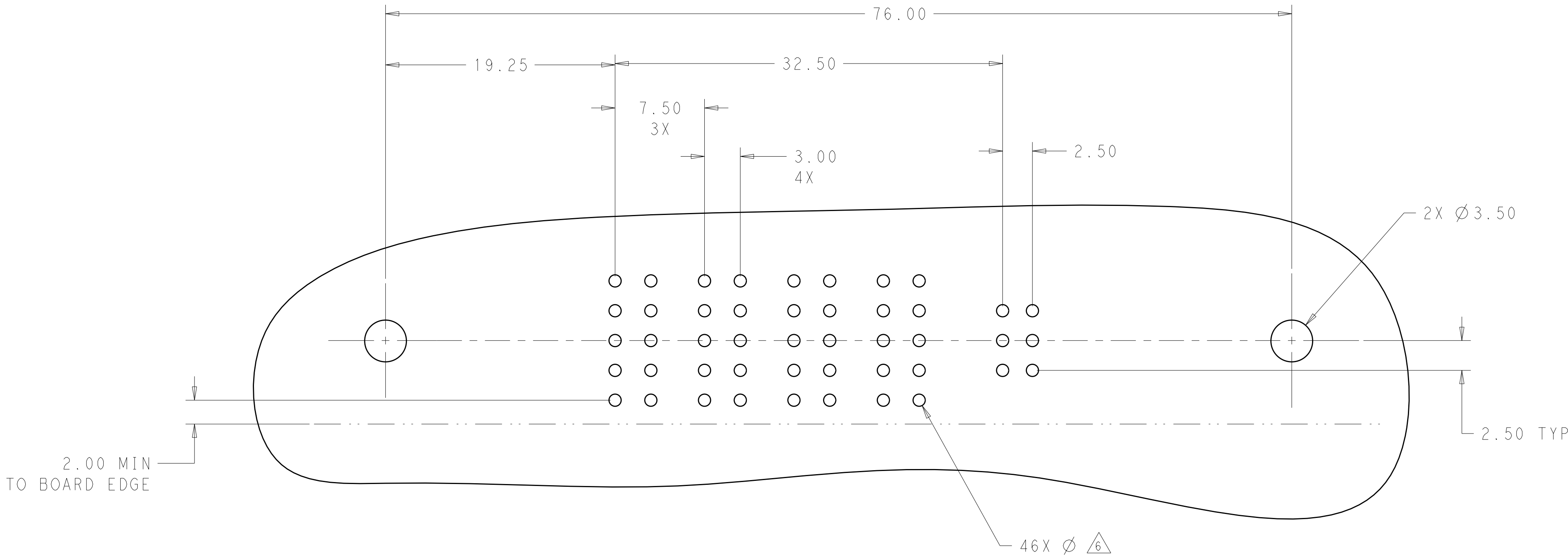
△ MOUNTING FLANGE ACCEPTS M3 OR NO.4 SCREWS. (USER SUPPLIED)



6646427-1
PART NUMBER

TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED: TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 14JUL2010	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK M. SYKES 14JUL2010	NAME PIN CONNECTOR ASSEMBLY STRAIGHT, SOLDER TAIL FLATPAQ	
0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5		APVD M. PERCHERKE 14JUL2010	PRODUCT SPEC	
MATERIAL			APPLICATION SPEC	
FINISH			WEIGHT	
CUSTOMER DRAWING			A100779C=6646427	
			RESTRICTED TO	
			SCALE 4:1 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	FP101	4	8	4	1.25 X 7.00	35 amps	7.50	250 VOLTS
	FP312	1	22	6	.64 SQ.	3 amps	2.50	125 VOLTS
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					
	FP503	2	STRAIGHT GUIDE PIN, PASSIVE					

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4805 (2/09)

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

9 PLC ±.5
1 PLC ±0.5
2 PLC ±0.25
3 PLC ±.5
4 PLC ±.5
ANGLES ±.5
FINISH -

FINISH -

DWN
R. GRZYBOWSKI
CHK
M. SYKES
APVD
M. PERCHERKE

14JUL2010
14JUL2010
14JUL2010

PRODUCT SPEC
APPLICATION SPEC
WEIGHT -

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
PIN CONNECTOR ASSEMBLY
STRAIGHT, SOLDER TAIL
FLATPAQ

SIZE
A100779

CAGE CODE
C=6646427

RESTRICTED TO
-

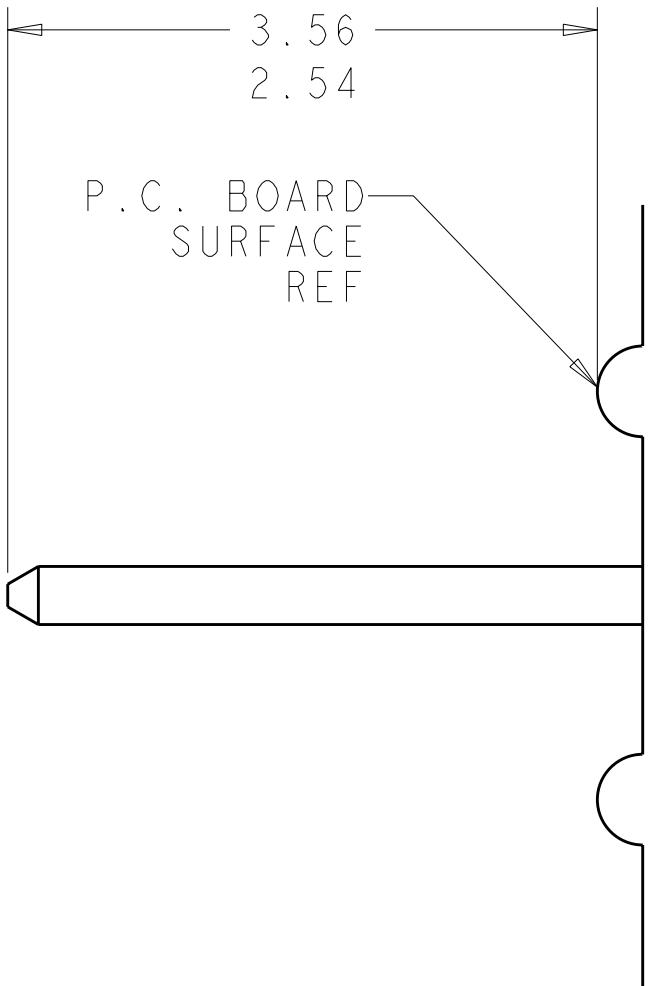
SCALE
4:1

SHEET
2

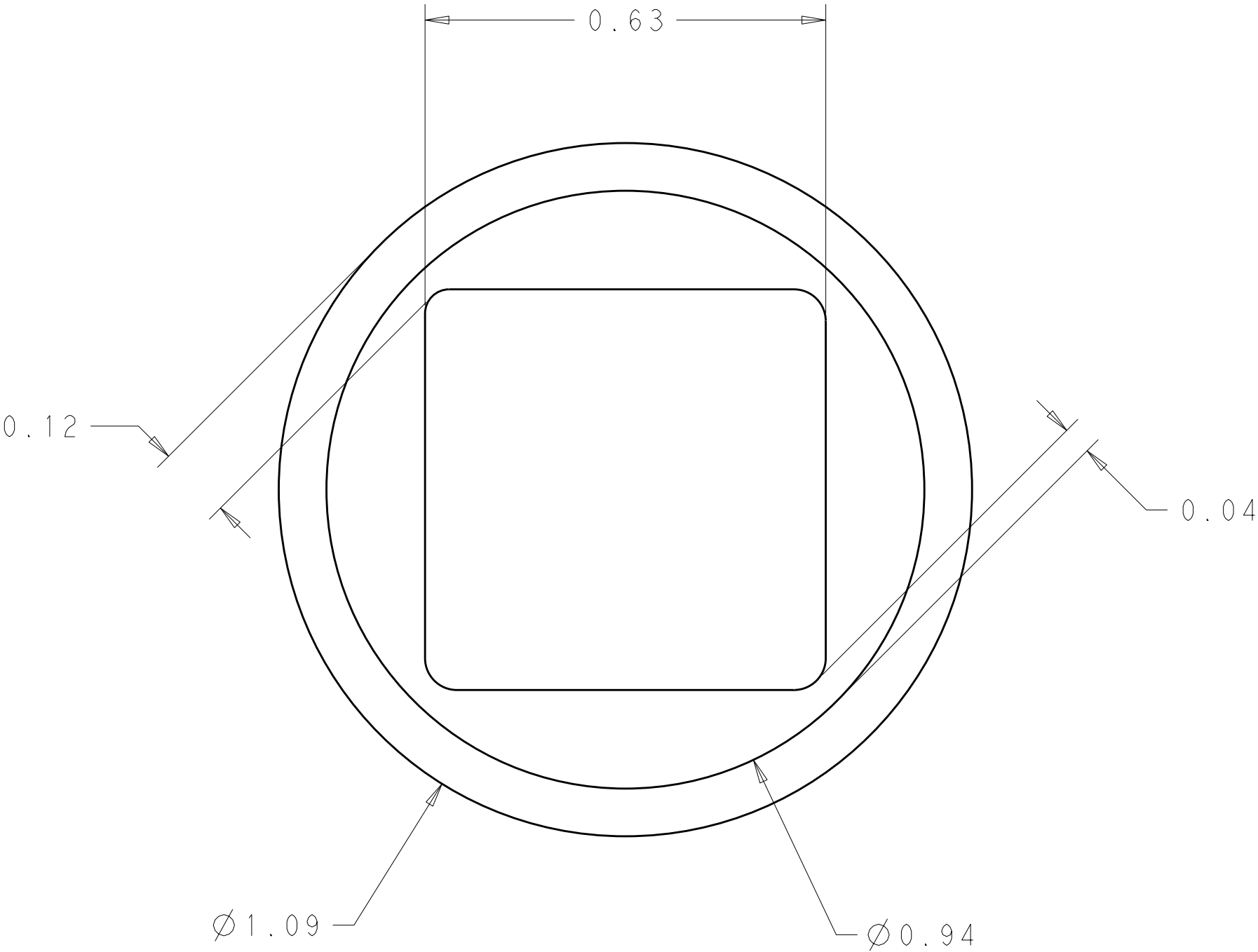
OF
3

REV
A

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



5. SOLDER PIN DETAIL
SCALE 10 : 1



△ 6 SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 ±.08
DRILLED HOLE: Ø1.15 ±.013
COPPER PLATE: .025 MIN
TIN PLATE: .008 MIN. (PER SURFACE)

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DIMENSIONS: mm		CHK M. SYKES 14JUL2010	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 3 PLC ±0.25 5 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH -		APVD M. PERCHERKE 14JUL2010	PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING	
MATERIAL -		SIZE A100779		RESTRICTED TO -
SCALE 4:1		SHEET 3 OF 3		REV A

Mouser Electronics

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