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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	08/31/05

NOTES: UNLESS OTHERWISE SPECIFIED.

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIALS:

INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR BLACK. UL94V-0 FLAMMABILITY RATED.

COMPLIANT SIGNAL PIN: PHOSPHOR BRONZE ALLOY.

POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.

CROWN BANDS: BERYLLIUM COPPER ALLOY.

GUIDE PIN: BRASS COPPER ALLOY.

3. FINISHES:

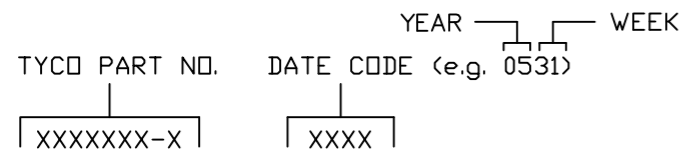
CONTACTS: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THK, OVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICKNESS.

TERMINALS: TIN PLATED, MATTE FINISH 000040" MIN. THICKNESS.

GUIDE PIN: NICKEL PLATED PER AMS 2404.

4. MOUNTING FLANGES ACCEPT M3 OR #4 SCREWS, (USER SUPPLIED).

5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



6. MODULE INFORMATION

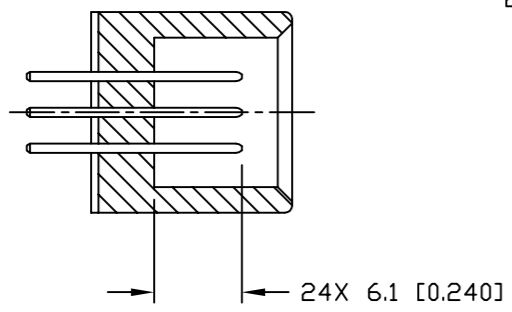
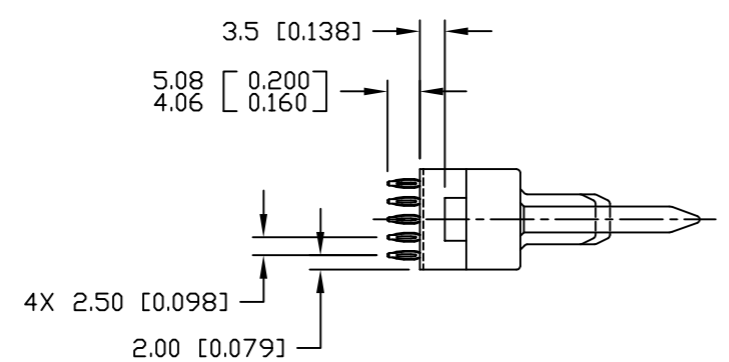
CONNECTOR	TYCO PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*	
PIN	6646326-1	FP0201	3	8	3	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [L2953]	250 VOLTS	
		FP0202	3		3					
		FP0400	1	22	24	.64 [L025] SQ.	3 AMPERES	2.50 [L0984]	125 VOLTS	
		FP0503	2	STRAIGHT GUIDE PIN						
		FP0500	1	LEFT MOUNTING FLANGE						
		FP0501	1	RIGHT MOUNTING FLANGE						

\*IAW IEC-950

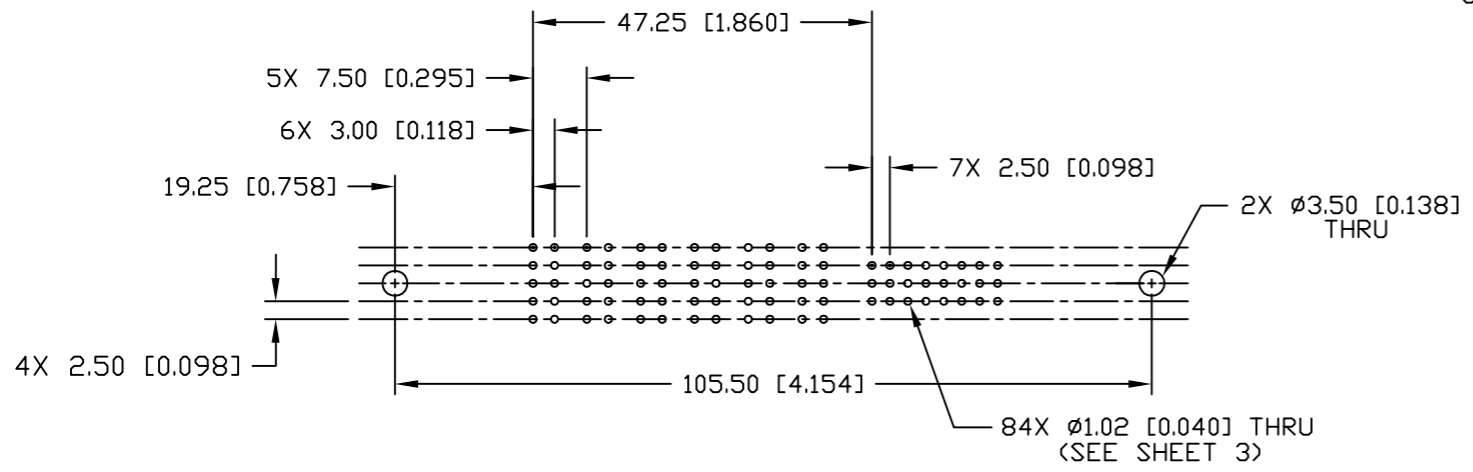
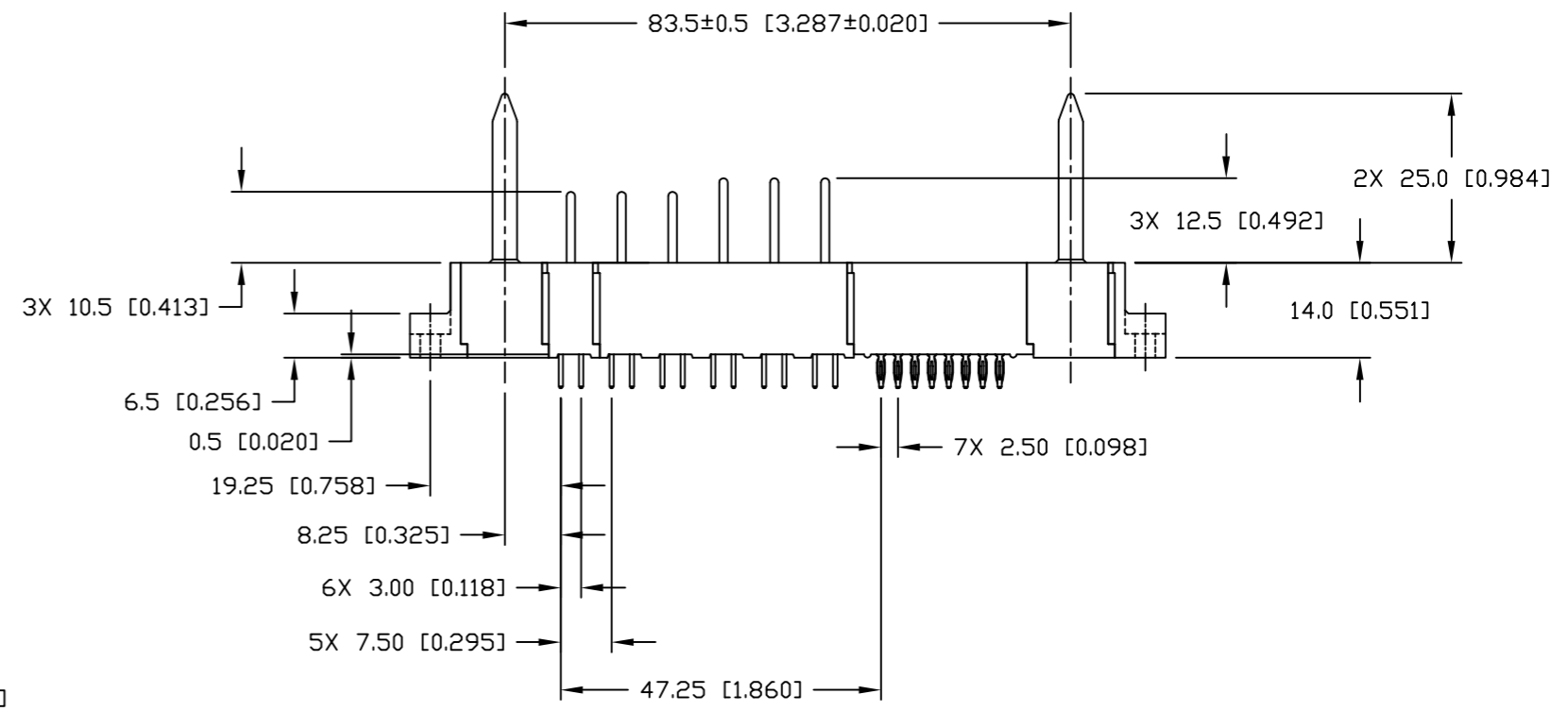
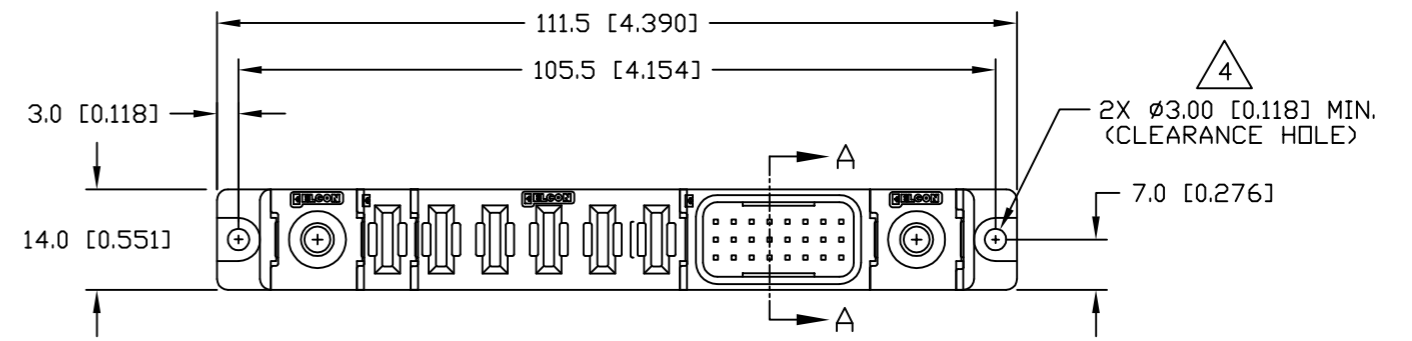
<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XX ± .25 [.010]</p> <p>.X ± .5 [.020]</p>	<p>MM OR MM [INCH]</p> <p>INCH</p>	<p>DRAWN</p> <p>R. F. A.</p>	<p>DATE</p> <p>08/31/05</p>	<p><b>tyco</b> Tyco Electronics Corporation <b>Electronics</b> Menlo Park, Ca 94025</p> <p><b>ELCON</b></p>
	<p>CHECKED</p>	<p>APPROVED</p>	<p>APPROVED</p>	<p>TITLE</p> <p>CONNECTOR, PIN, STRAIGHT COMPLIANT TAILS FLATPAQ</p>
	<p>D. CHAU</p>	<p>DCA APPROVED</p>	<p>M. ALIM</p>	<p>SIZE DWG NUMBER</p> <p>B C = 6646326</p>
	<p>ACAD FILE NUMBER</p> <p>C6646326A.DWG</p>	<p>DWG SCALE</p> <p>1 = 1</p>	<p>REV.</p> <p>A</p>	<p>SH 1 OF 3</p>

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REVISIONS			
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		SEE SHEET 1	



SECTION A-A



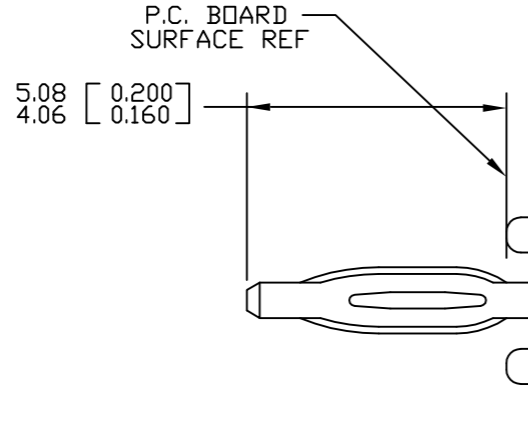
PRINTED CIRCUIT LAYOUT

← MM OR MM [INCH]  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 08/31/05	 Tyco Electronics Corporation Menlo Park, Ca 94025 	TITLE CONNECTOR, PIN, STRAIGHT COMPLIANT TAILS FLATPAQ			
	CHECKED	APPROVED				APPROVED	D. CHAU
	APPROVED	DCA APPROVED	M. ALIM	DATE 09/13/05	SIZE B	DWG NUMBER C = 6646326	REV. A
	ACAD FILE NUMBER C6646326A.DWG	DWG SCALE 1 = 1	SH 2 OF 3				

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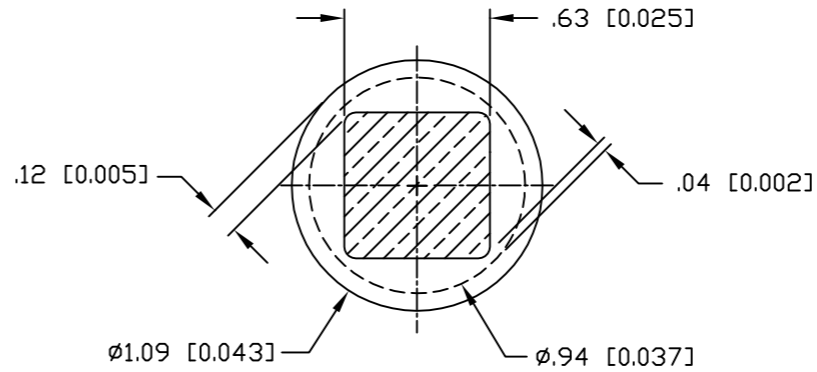
REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



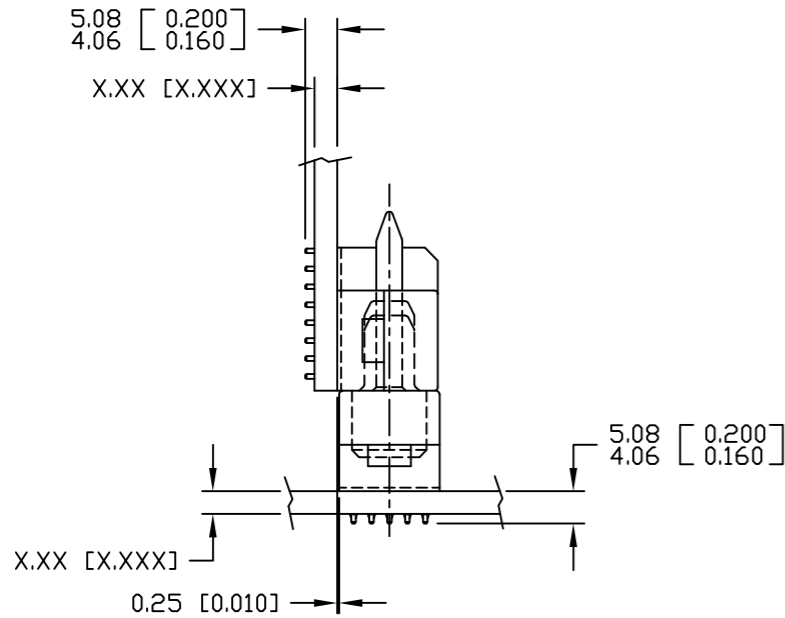
COMPLIANT PIN DETAIL

INSERTION/EXTRACTION FORCES  
 MAXIMUM PUSH-IN: 133.3N PER PIN [30 LBS]  
 MINIMUM PUSH-OUT: 44.4N PER PIN [10 LBS]

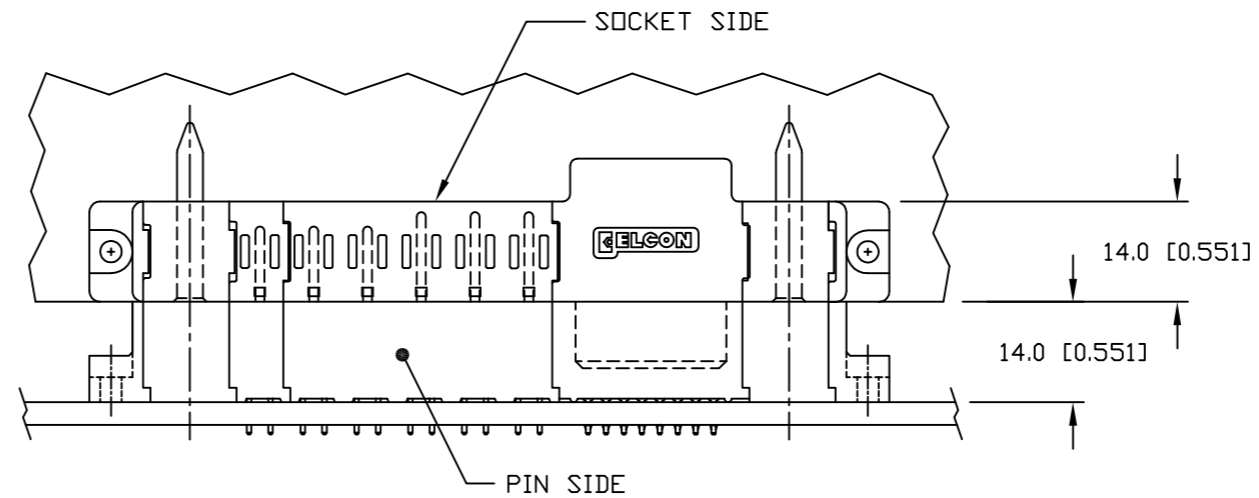


SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE  
 FINISHED HOLE:  $\phi 1.02 [0.040] \pm .08 [0.003]$   
 DRILLED HOLE:  $\phi 1.15 [0.0453] \pm .013 [0.0005]$   
 COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)  
 TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



MATED CONDITION



MM INCH  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS .XX $\pm .25 [0.010]$ .X $\pm .5 [0.020]$	DRAWN R. F. A. CHECKED APPROVED APPROVED D. CHAU DCA APPROVED M. ALIM ACAD FILE NUMBER C6646326A.DWG	DATE 08/31/05  09/13/05 09/13/05	 Tyco Electronics Corporation Menlo Park, Ca 94025 	
	TITLE USER INFORMATION COMPLIANT TAIL TERMINATION AND MATED CONDITION			
	SIZE B	DWG NUMBER C = 6646326	REV. A	
	DWG SCALE 1=1		SH 3 OF 3	