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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0002-05	A	NEW RELEASE	01/04/05

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.
SIGNAL PINS: BRASS ALLOY.
POWER BLADE CONTACTS: COPPER ALLOY.

3. FINISHES:
CONTACT PLATING: SELECTIVE GOLD PER MIL-G-45204 OVER NICKEL PER AMS 2404.

TERMINAL PLATING: TIN OVER NICKEL

4 REFER TO DRAWING 997-010 FOR MATING SEQUENCE & MISALIGNMENT.

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

ELCON PART NO. & REV YEAR WEEK
XXX-XXXX-XXXXX [] XXXX 0225

6. CONNECTOR INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
PIN	6651380-1	377-0054-11110A	TBD	SIGNAL	12-47	2.50 [.098]	60 VOLTS
				POWER	1-11	6.00 [.236]	60 VOLTS

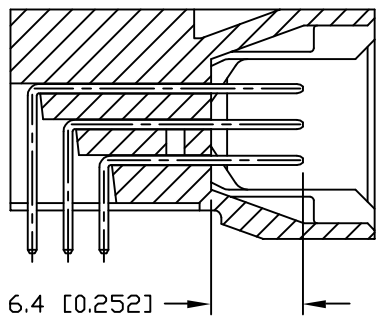
*IAW UL 60950

← MM OR MM [INCH] INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN S. WAN/RB	DATE 01/04/05	Tyco Electronics Corporation Menlo Park, Ca 94025		
	CHECKED		TITLE PIN CONNECTOR, MINIPAK RIGHT ANGLE, SOLDER TAILS PN: 377-0054-11110A		
	APPROVED				
	APPROVED				
	D. CHAU	01/11/05	SIZE B	DWG NUMBER C = 6651380	REV. A
ACAD FILE NUMBER C6651380A.DWG				DWG SCALE 1 = 1	SH 1 OF 3

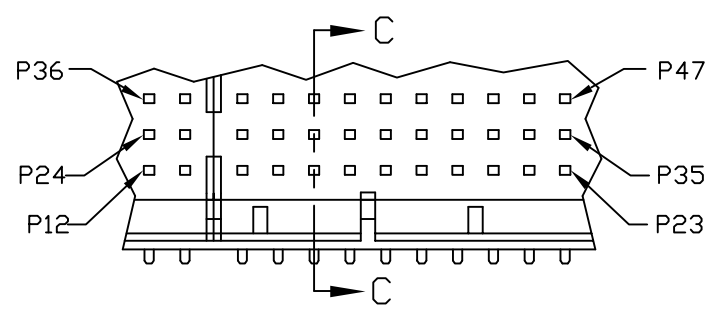
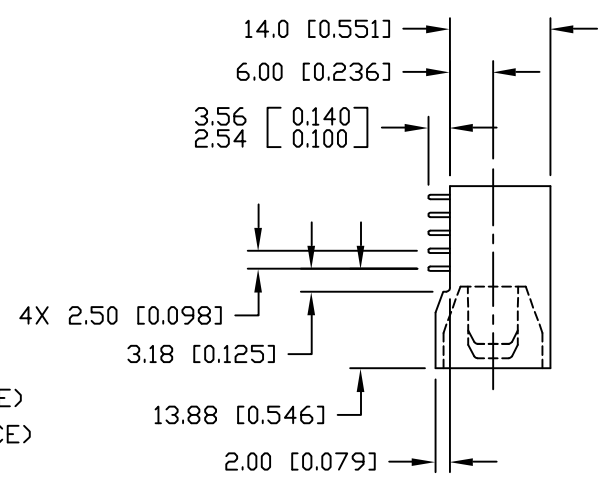
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DETAIL A

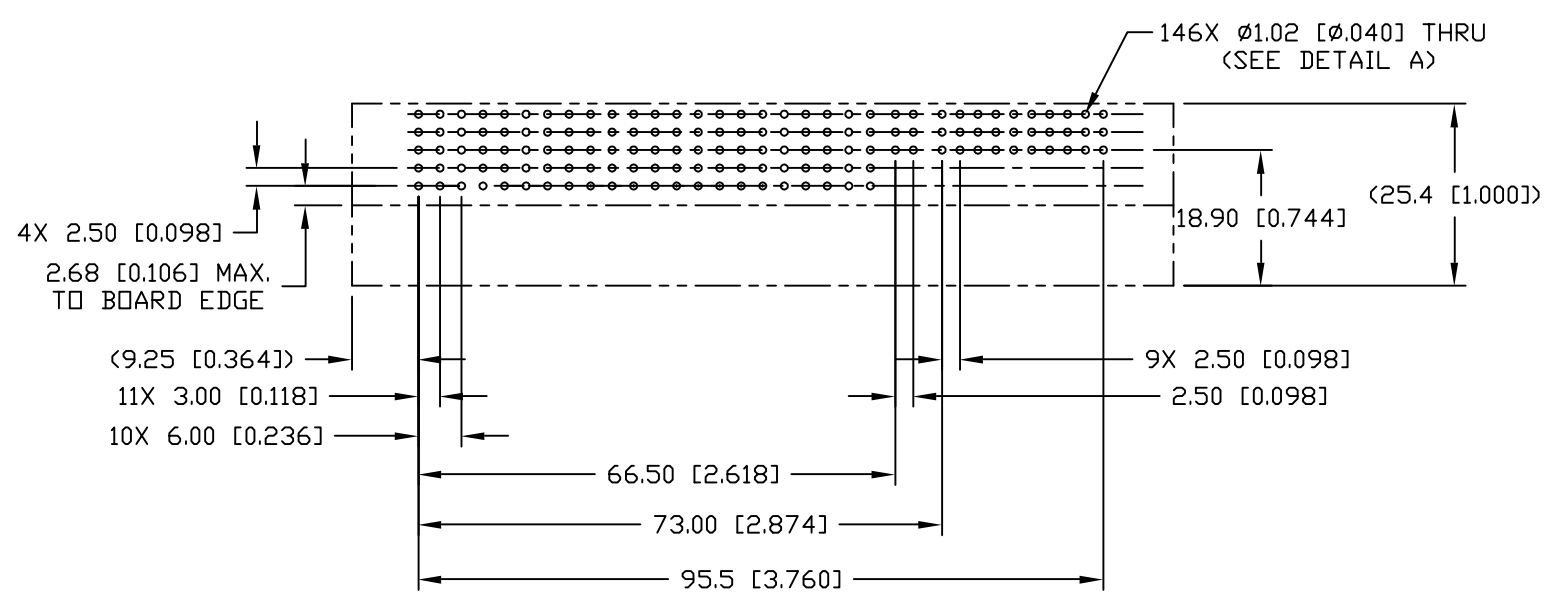
RECOMMENDED PRINTED CIRCUIT HOLE
FINISHED HOLE: $\varnothing 1.02$ [0.040] ± 0.08 [0.003]
DRILLED HOLE: $\varnothing 1.15$ [0.0453] ± 0.013 [0.0005]
COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



SECTION C-C
SCALE 2:1

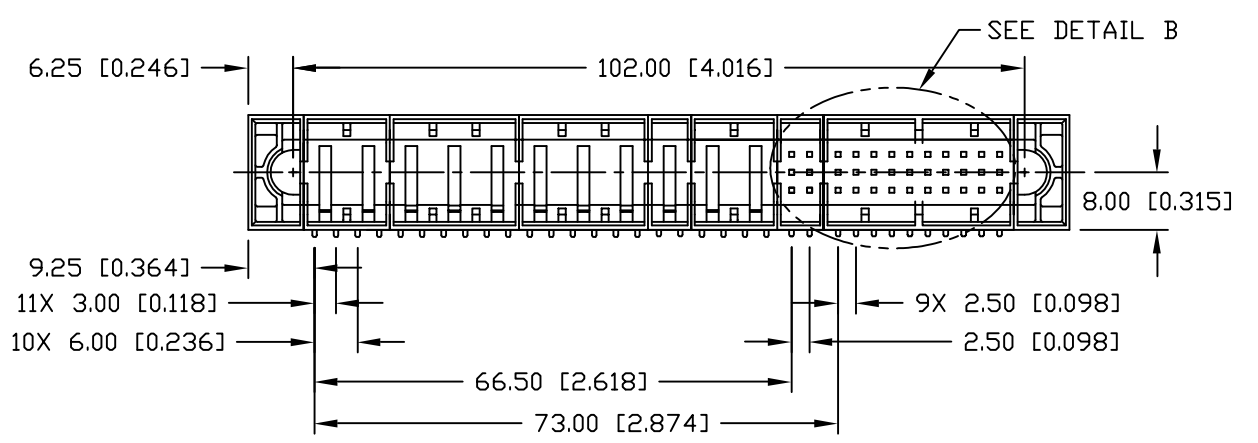
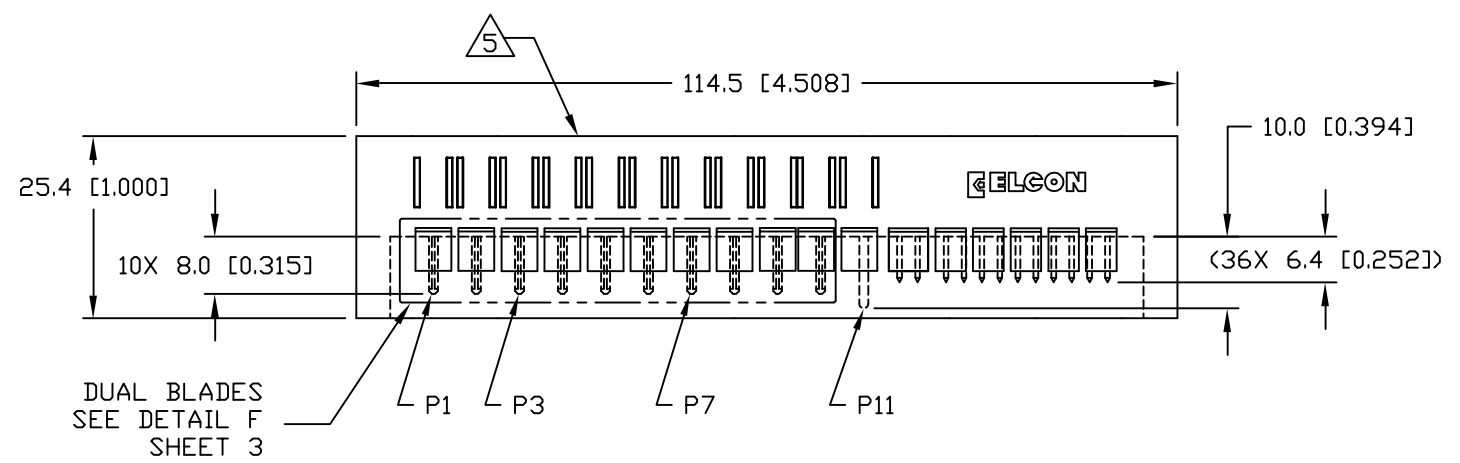


DETAIL B
SCALE 2:1



RECOMMENDED PC LAYOUT

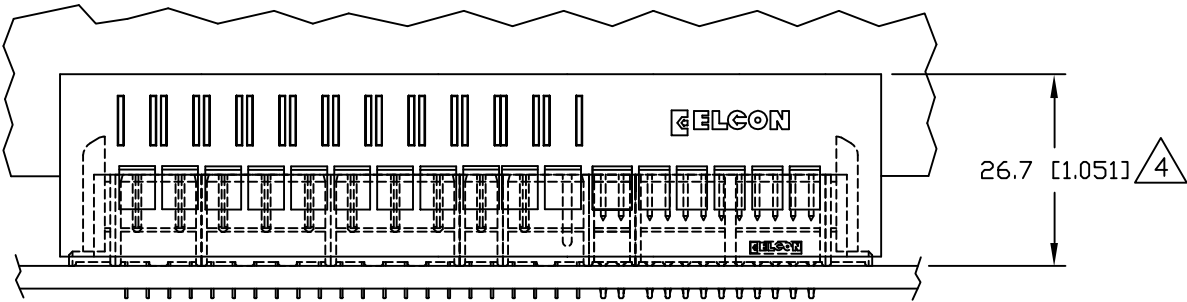
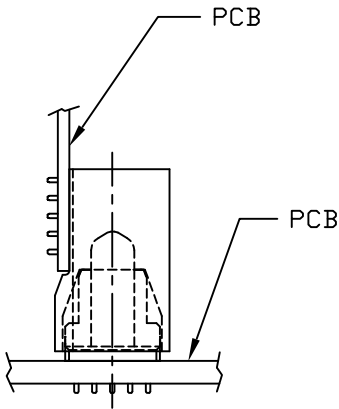
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



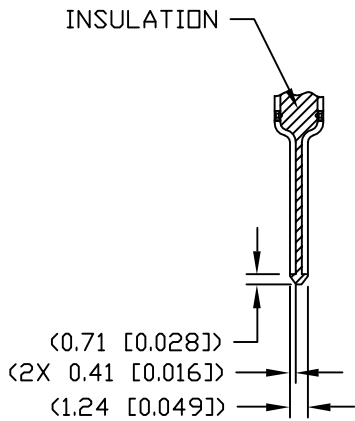
MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN	DATE	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
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	APPROVED				
	APPROVED		PIN CONNECTOR, MINIPAK RIGHT ANGLE, SOLDER TAILS PN: 377-0054-11110A		
D. CHAU	01/11/05				
DCA APPROVED		SIZE	DWG NUMBER	REV.	
M. ALIM	01/26/05	B	C = 6651380	A	
ACAD FILE NUMBER	C6651380A.DWG		DWG SCALE 1 = 1	SH 2 OF 3	

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		SEE SHEET 1	



MATED CONDITION



DETAIL F

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D. CHAU	01/11/05	SIZE	DWG NUMBER		REV.		
DCA APPROVED	01/26/05	B	C = 6651380		A		
M. ALIM							
ACAD FILE NUMBER			C6651380A.DWG		DWG SCALE	1 = 1	SH 3 OF 3

Mouser Electronics

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[6651380-1](#)