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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0081-05	A	NEW RELEASE	3/15/05

6. MODULE INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
PIN	6646997-1	279-0918-10100A	FP0105	2	8	2	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [2953]	250 VOLTS
			FP0106	1		1				
			FP0507	1	RIGHT ANGLE GUIDE PIN					

\*IAW IEC-950

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.

POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.

CROWN BANDS: BERYLLIUM COPPER ALLOY.

GUIDE PIN: BRASS COPPER ALLOY.

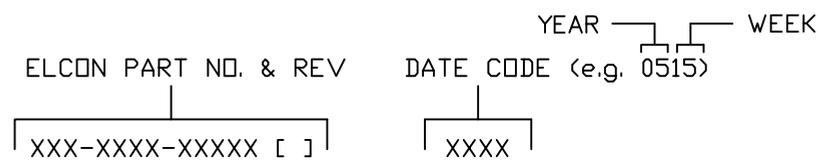
3. FINISHES:

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, .000120" TO .000170" THICK.

GUIDE PIN: NICKEL PLATED PER AMS 2404.

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

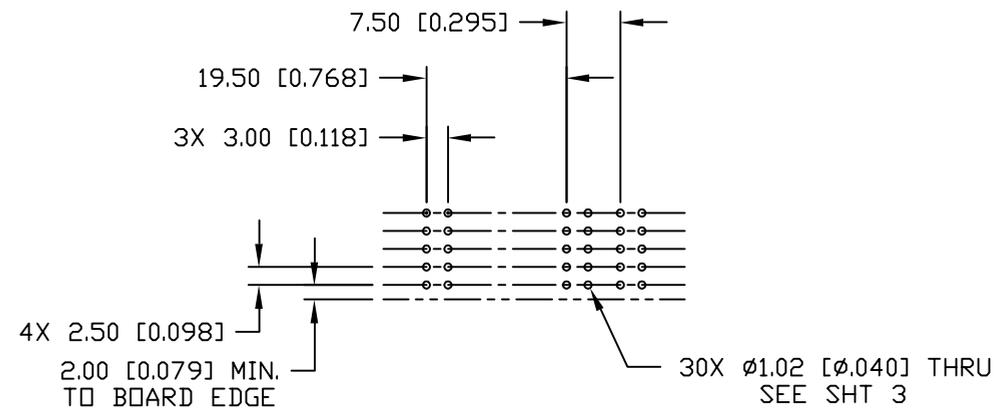
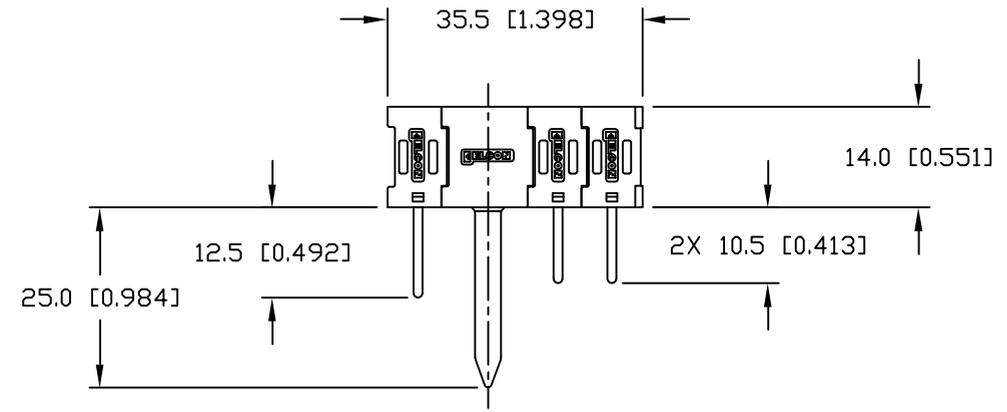
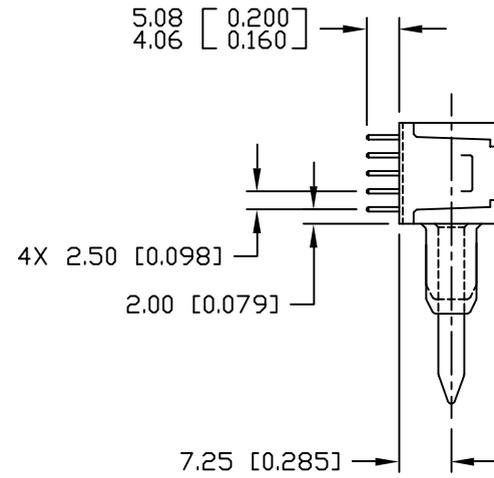


5. THIS CONNECTOR MATES WITH SOCKET CONNECTOR PN: 278-0918-00200.

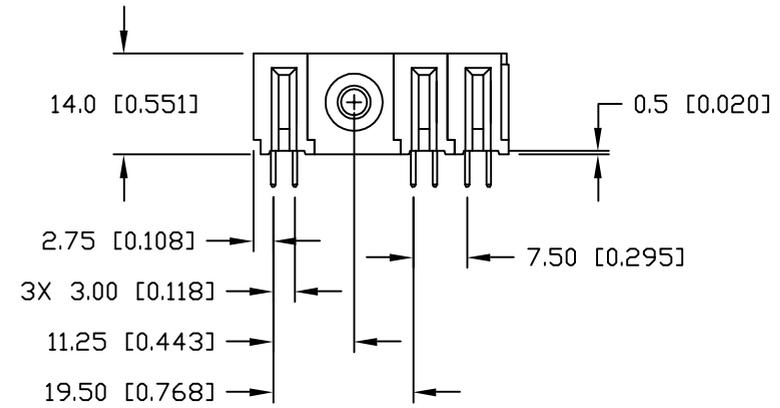
<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XX ± .25 [.010]</p> <p>.X ± .5 [.020]</p>	<p>MM OR MM [INCH]</p> <p>INCH</p>	<p>DRAWN</p> <p>R. F. A.</p>	<p>DATE</p> <p>03/15/05</p>	<p><b>tyco</b> Tyco Electronics Corporation <b>ELCON</b></p> <p>Menlo Park, Ca 94025</p>		
	<p>CHECKED</p>		<p>TITLE</p> <p>PIN CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS PN: 279-0918-10100A</p>			
	<p>APPROVED</p>		<p>APPROVED</p>		<p>SIZE DWG NUMBER</p> <p><b>B</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">C</span> = 6646997</p>	
	<p>D. CHAU</p> <p>03/16/05</p>		<p>M. ALIM</p> <p>03/18/05</p>		<p>REV.</p> <p>A</p>	
<p>ACAD FILE NUMBER C6646997A.DWG</p>				<p>DWG SCALE 1=1 SH 1 OF 3</p>		

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



PRINTED CIRCUIT LAYOUT

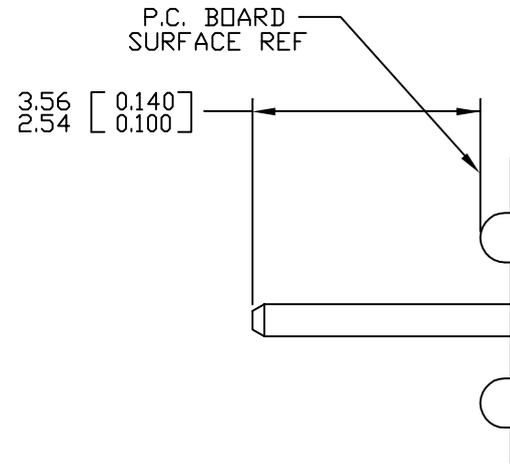


<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XX ± .25 [.010]</p> <p>.X ± .5 [.020]</p>	<p>MM OR MM [INCH]</p>	<p>DRAWN</p> <p>R. F. A.</p>	<p>DATE</p> <p>03/15/05</p>	<p><b>tyco</b> Tyco Electronics Corporation</p> <p><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>PIN CONNECTOR, FLATPAQ</p> <p>RIGHT ANGLE, SOLDER TAILS</p> <p>PN: 279-0918-10100A</p>		
	<p>D. CHAU</p>	<p>M. ALIM</p>	<p>03/16/05</p>	<p>03/18/05</p>	<p>SIZE</p> <p>B</p>	<p>DWG NUMBER</p> <p>C = 6646997</p>
	<p>ACAD FILE NUMBER</p> <p>C6646997A.DWG</p>	<p>DWG SCALE</p> <p>1 = 1</p>	<p>SH</p> <p>2 OF 3</p>	<p>REV.</p> <p>A</p>		

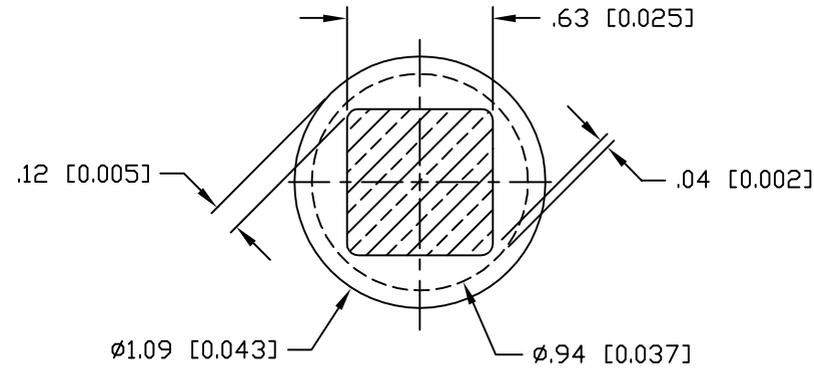
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REVISIONS

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		SEE SHEET 1	



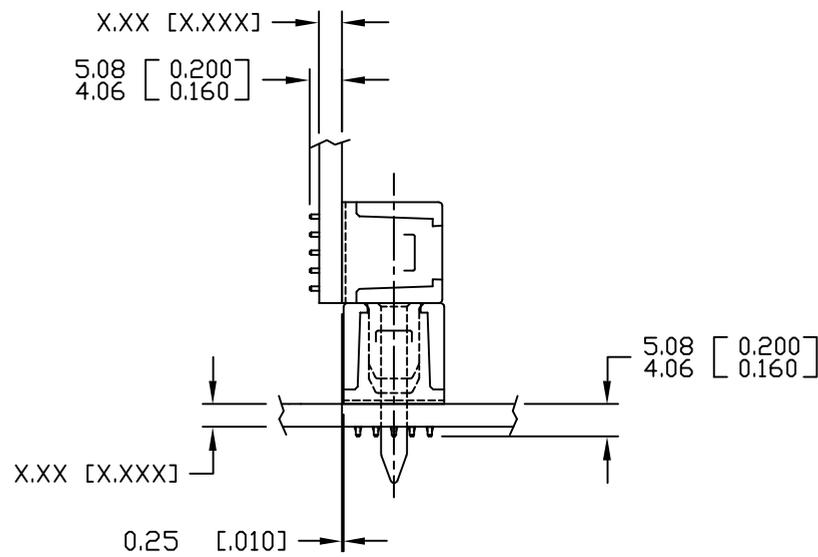
SOLDER PIN DETAIL



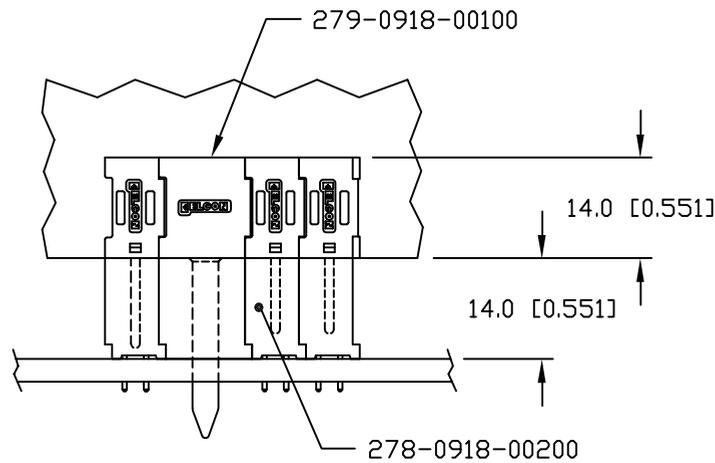
SOLDER TERMINATION AREA

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 OR MM [INCH] 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.	DATE 03/15/05	<b>tyco</b> Tyco Electronics Corporation <b>Electronics</b> Menlo Park, Ca 94025 <b>ELCON</b>
	CHECKED		
	APPROVED		USER INFORMATION SOLDER TAIL TERMINATION AND MATED CONDITION
	APPROVED D. CHAU	03/16/05	
	DCA APPROVED M. ALIM	03/18/05	<b>B</b> <b>C</b> = 6646997
	ACAD FILE NUMBER	C6646997A.DWG	REV. A
			DWG SCALE 1=1 SH 3 OF 3

## Данный компонент на территории Российской Федерации

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### Офис по работе с юридическими лицами:

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