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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0112-05	A	NEW RELEASE	04/08/05

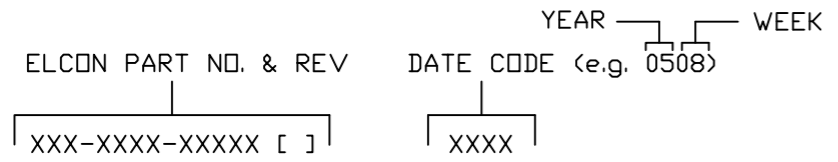
7. MODULE INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	6646742-1	279-0320-10200A	FP1104	12	8	12	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [2953]	250 VOLTS
			FP1303	1	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS

\*IAW IEC-950

NOTES: UNLESS OTHERWISE SPECIFIED.

- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIALS:
  - INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR BLACK. UL94V-0 FLAMMABILITY RATED.
  - SOLDER SIGNAL PIN: BRASS ALLOY.
  - POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.
  - CROWN BANDS: BERYLLIUM COPPER ALLOY.
- 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, .000100" MINIMUM THICKNESS.
- ALL POWER MODULES ARE NON HOT PLUG.
- ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

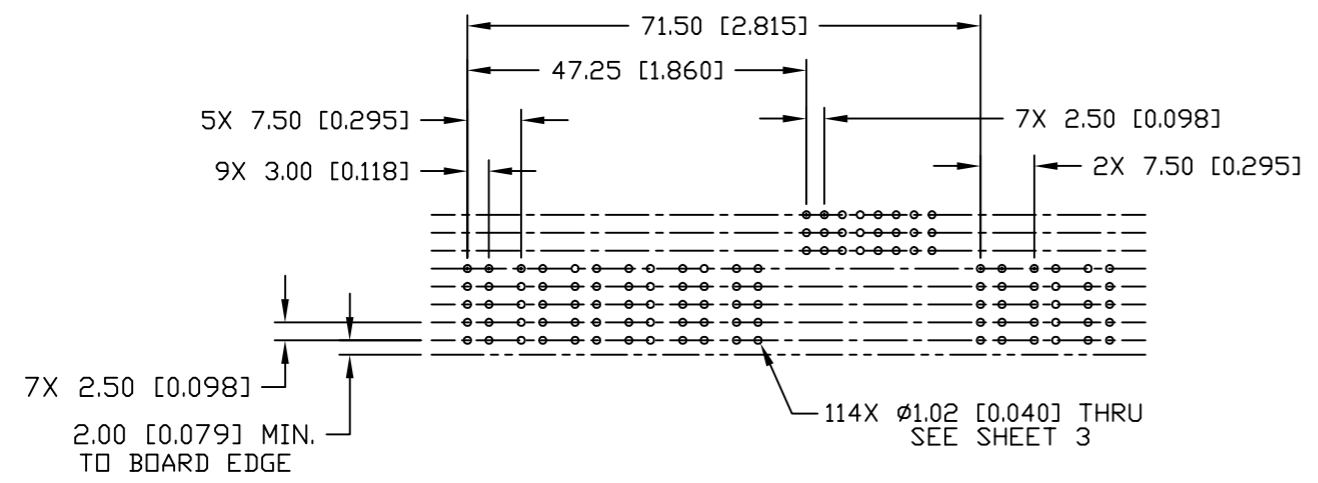
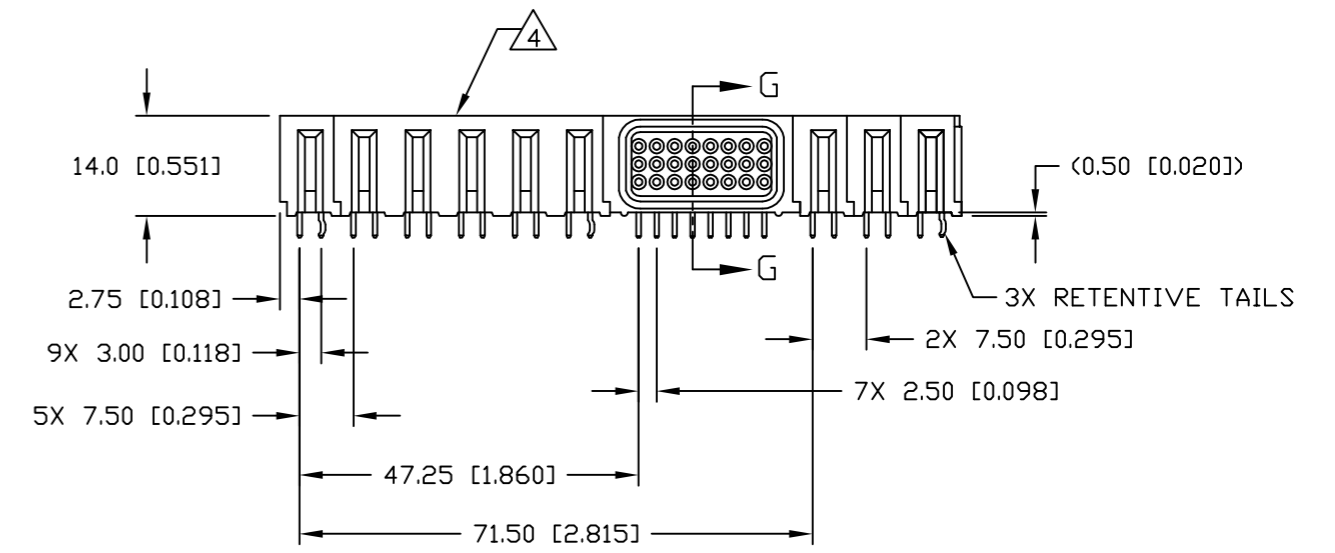
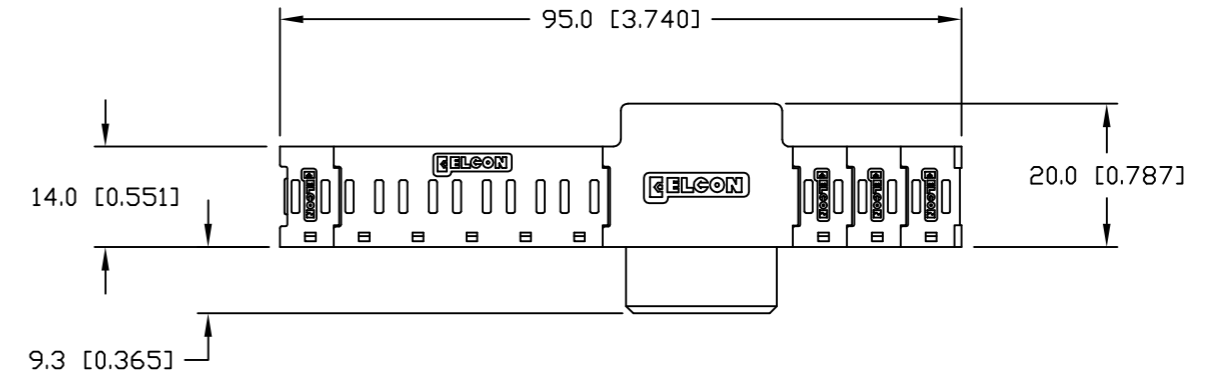
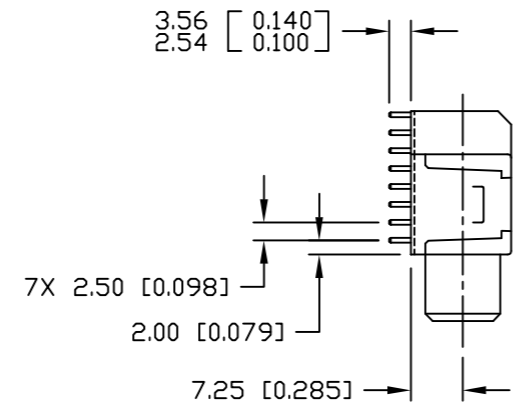


6. THIS CONNECTOR MATES WITH PIN CONNECTOR PN 279-0320-10100.

<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>04/08/05</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>TITLE</p> <p>SOCKET CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS PN: 279-0320-10200A</p>			
	<p>APPROVED</p>		<p>APPROVED</p>		<p>SIZE</p> <p>B</p>	<p>DWG NUMBER</p> <p>C = 6646742</p>
	<p>D. CHAU</p> <p>04/08/05</p>		<p>M. ALIM</p> <p>04/13/05</p>		<p>REV.</p> <p>A</p>	<p>ACAD FILE NUMBER</p> <p>C6646742A.DWG</p>
				<p>DWG SCALE 1=1</p>		
				<p>SH 1 OF 3</p>		

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



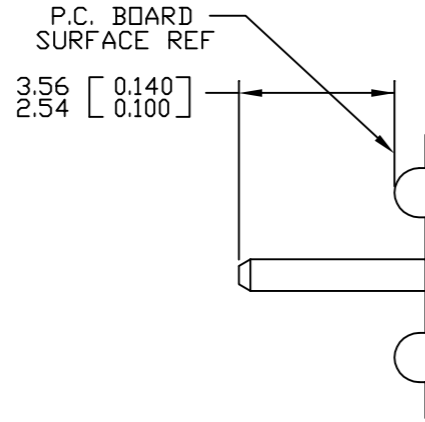
PRINTED CIRCUIT LAYOUT

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 04/08/05	Tyco Electronics Corporation Menlo Park, Ca 94025 	
	CHECKED			TITLE SOCKET CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS PN: 279-0320-10200A
	APPROVED	APPROVED D. CHAU	04/08/05	SIZE B
	DCA APPROVED M. ALIM	04/13/05	DWG NUMBER C = 6646742	REV. A
ACAD FILE NUMBER C6646742A.DWG		DWG SCALE 1=1	SH 2 OF 3	

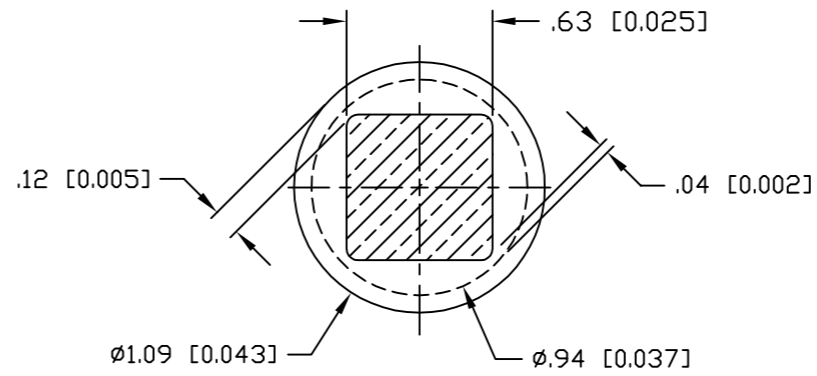
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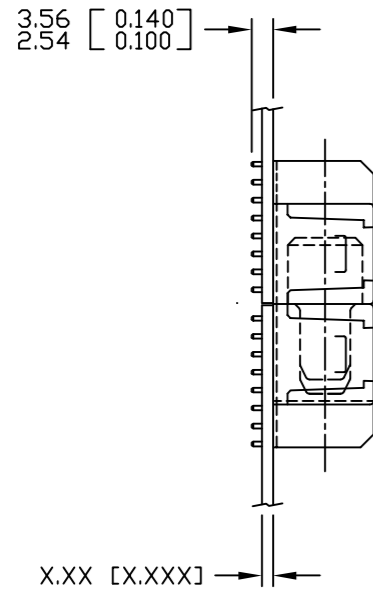


SOLDER PIN DETAIL

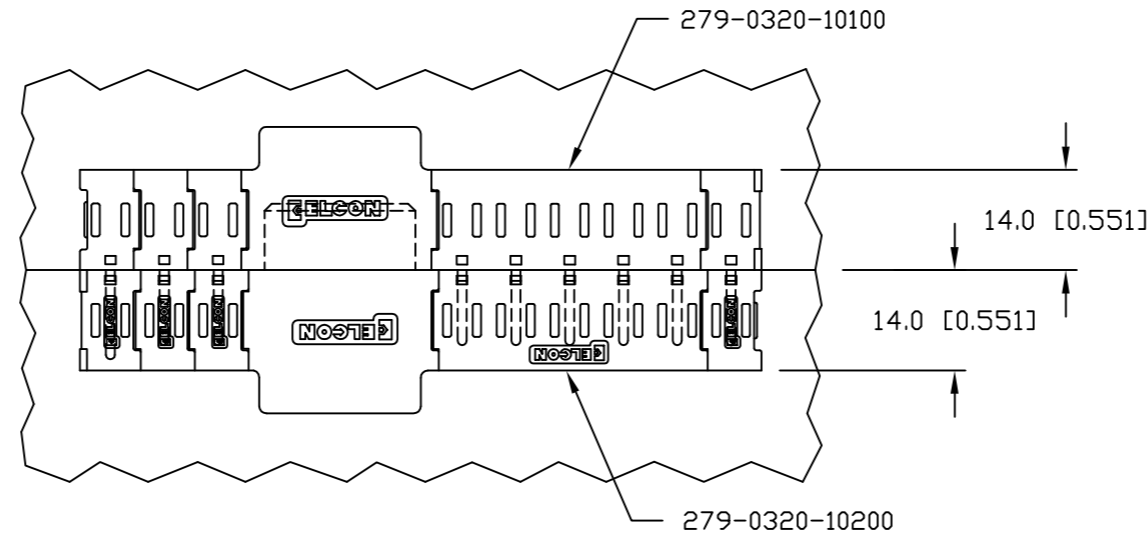


SOLDER TERMINATION AREA  
RECOMMENDED PRINTED CIRCUIT HOLE

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 INCH OR MM [INCH]	DRAWN R. F. A.	DATE 04/08/05	<b>tyco</b> Tyco Electronics Corporation <b>Electronics</b> Menlo Park, Ca 94025		ELCON
	CHECKED		TITLE USER INFORMATION SOLDER TAIL TERMINATION AND MATED CONDITION		
THIRD ANGLE PROJECTION	APPROVED		SIZE B	DWG NUMBER C = 6646742	REV. A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED D. CHAU	04/08/05			
TOLERANCES	APPROVED M. ALIM	04/13/05			
ANGLES $\pm .5^\circ$	ACAD FILE NUMBER C6646742A.DWG		DWG SCALE 1=1	SH 3 OF 3	
DECIMALS .XX $\pm .25 [0.010]$ .X $\pm .5 [0.020]$					