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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.

2. 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.

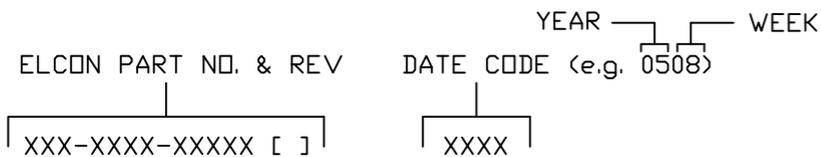
3. FINISHES:

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, .000100" MINIMUM THICKNESS.

⚠ ALL POWER MODULES ARE NON HOT PLUG.

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

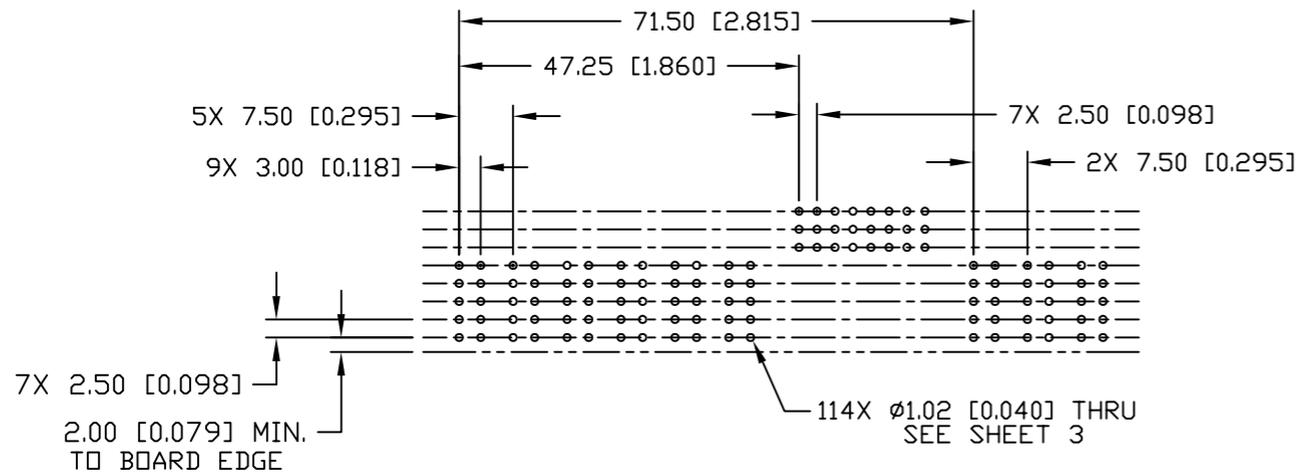
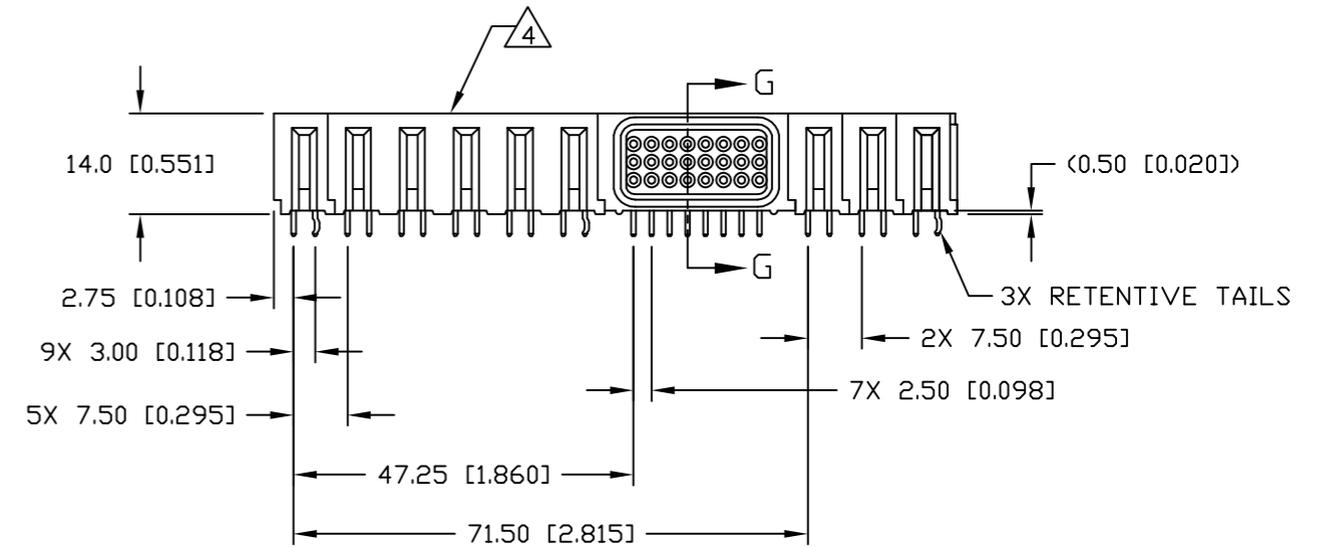
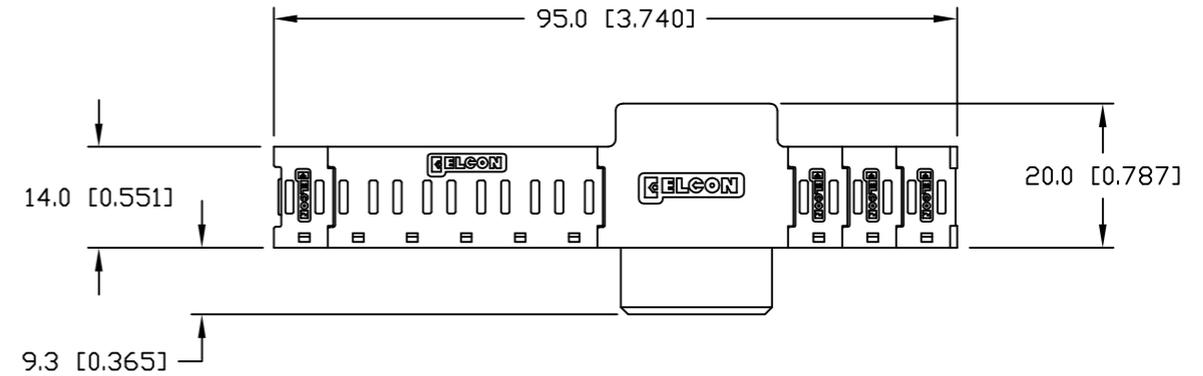
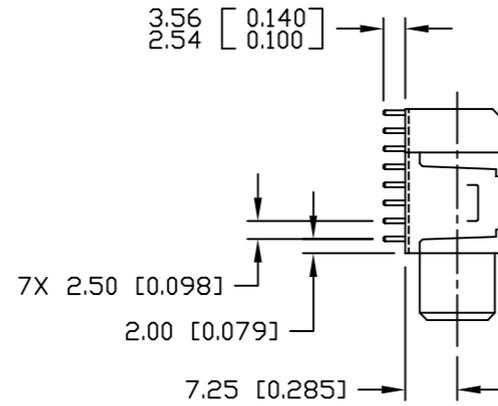


- THIS CONNECTOR MATES WITH PIN CONNECTOR PN 279-0320-10100.

<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>tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025</p> <p>ELCON</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>D. CHAU 04/08/05</p>		<p>SIZE</p> <p>B</p>
	<p>APPROVED</p> <p>M. ALIM 04/13/05</p>		<p>DCA APPROVED</p> <p>M. ALIM 04/13/05</p>		<p>DWG NUMBER</p> <p>C = 6646742</p>
<p>ACAD FILE NUMBER</p> <p>C6646742A.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			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

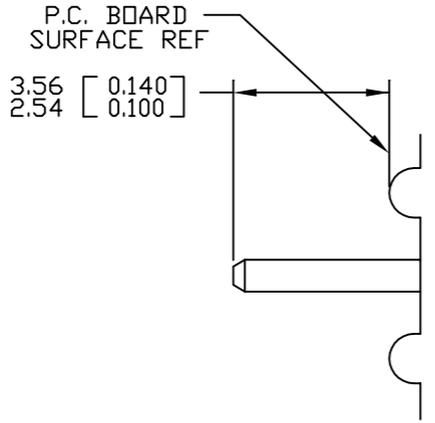


PRINTED CIRCUIT LAYOUT

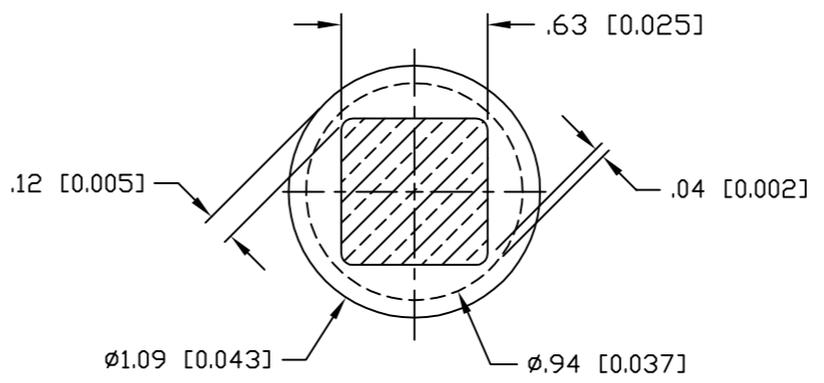
THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 04/08/05	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025		ELCON	
	CHECKED		TITLE			
	APPROVED		SOCKET CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS PN: 279-0320-10200A			
	APPROVED		D. CHAU 04/08/05	M. ALIM 04/13/05	SIZE B	DWG NUMBER C = 6646742
ACAD FILE NUMBER C6646742A.DWG			DWG SCALE 1=1	SH 2 OF 3		

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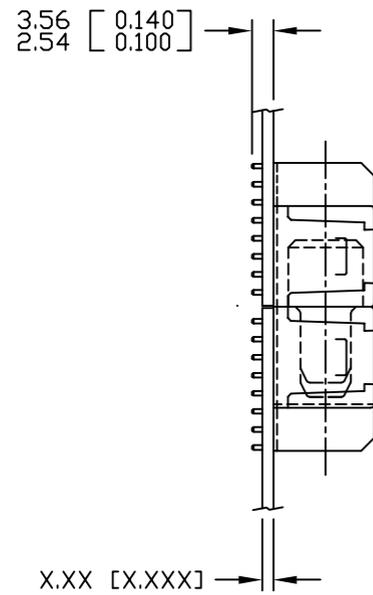
SOLDER PIN DETAIL



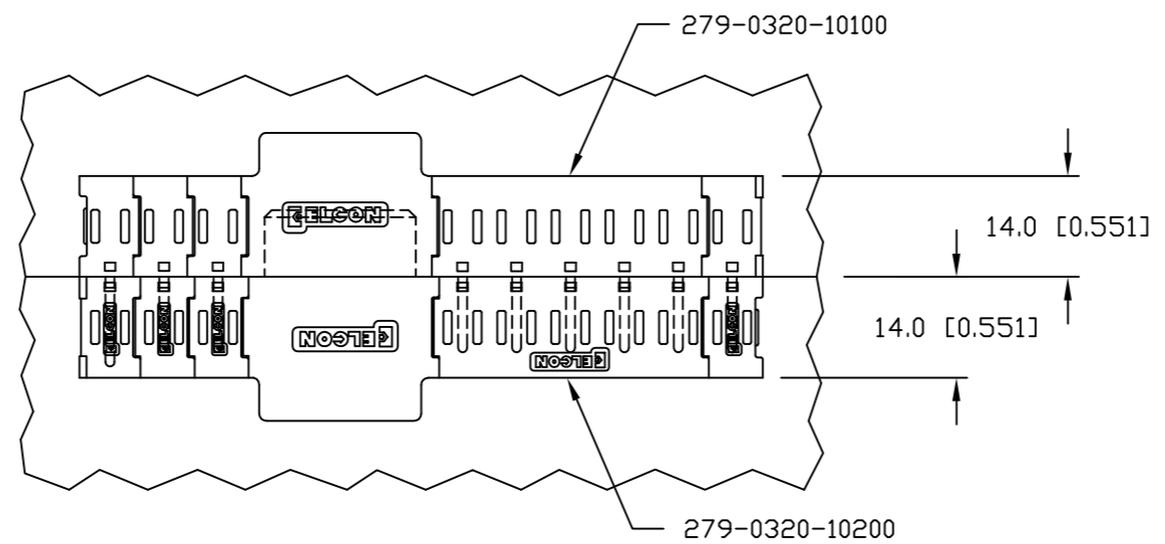
SOLDER TERMINATION AREA

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

Данный компонент на территории Российской Федерации

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