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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0457-04	A	NEW RELEASE	12/29/04

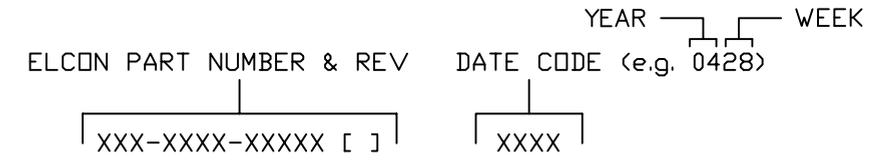
8. CONTACT INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	EQUIVALENT CATALOG MODULE #	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*	
SOCKET	6648072-1	378-0895-10200A	FP0700	POWER	8	3	1.25 X 7.00	35 AMPERES	7.50 [.2953]	250 VAC
					8	5	1.25 X 7.00	35 AMPERES	VARIES	VARIES
				SIGNAL	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.
 - COMPLIANT SIGNAL PIN: PHOSPHOR BRONZE 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.
- MOUNTING FLANGE HOLES ACCEPT M3.5 OR #6 SCREWS (USER SUPPLIED).
- RECOMMENDED PRESSING TOOL: FIX00196. CONTACT ELCON FOR TOOLING QUOTE OR TO ORDER.
- ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



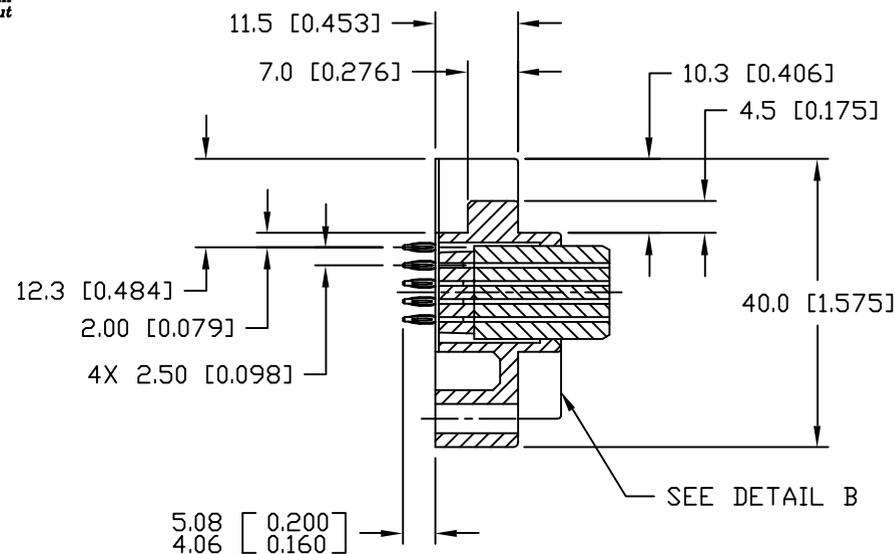
7. THIS CONNECTOR MATES WITH PIN CONNECTOR PN 379-0895-10100.

<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES \pm .5°</p> <p>DECIMALS</p> <p>.XX \pm .25 [.010]</p> <p>.X \pm .5 [.020]</p>	<p>DRAWN</p> <p>R. F. A.</p>	<p>DATE</p> <p>10/28/04</p>	Tyco Electronics Corporation Menlo Park, Ca 94025			
	CHECKED		TITLE			
	APPROVED		SOCKET CONNECTOR, SERVERPAK STRAIGHT, COMPLIANT TAILS PN: 378-0895-10200A			
	APPROVED	D. CHAU	12/29/04	SIZE	DWG NUMBER	REV.
	DCA APPROVED	M. ALIM	01/07/05	B	C = 6648072	A
ACAD FILE NUMBER			C6648072A.DWG		DWG SCALE 1=1	SH 1 OF 4

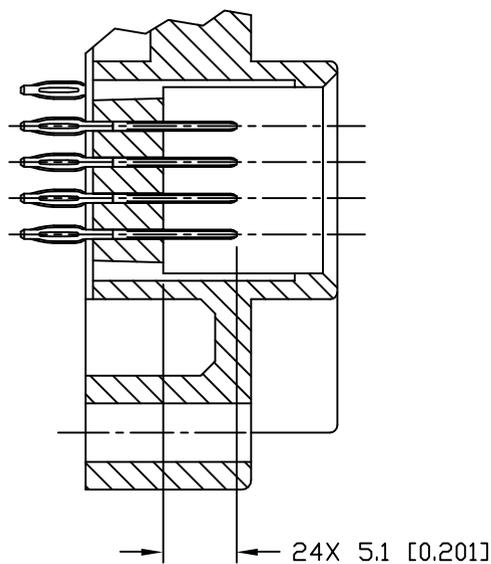
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REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

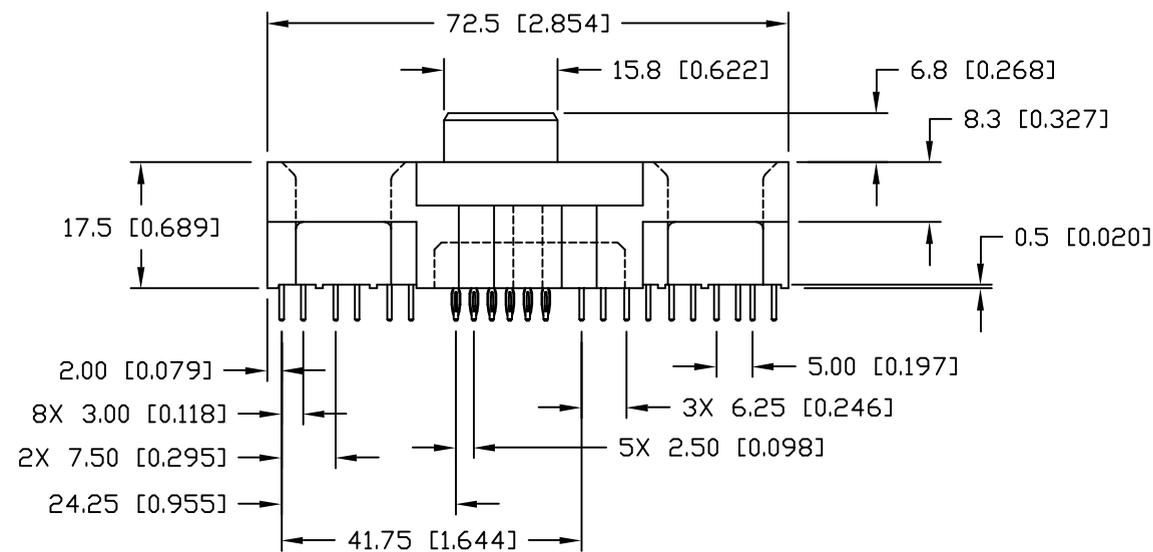
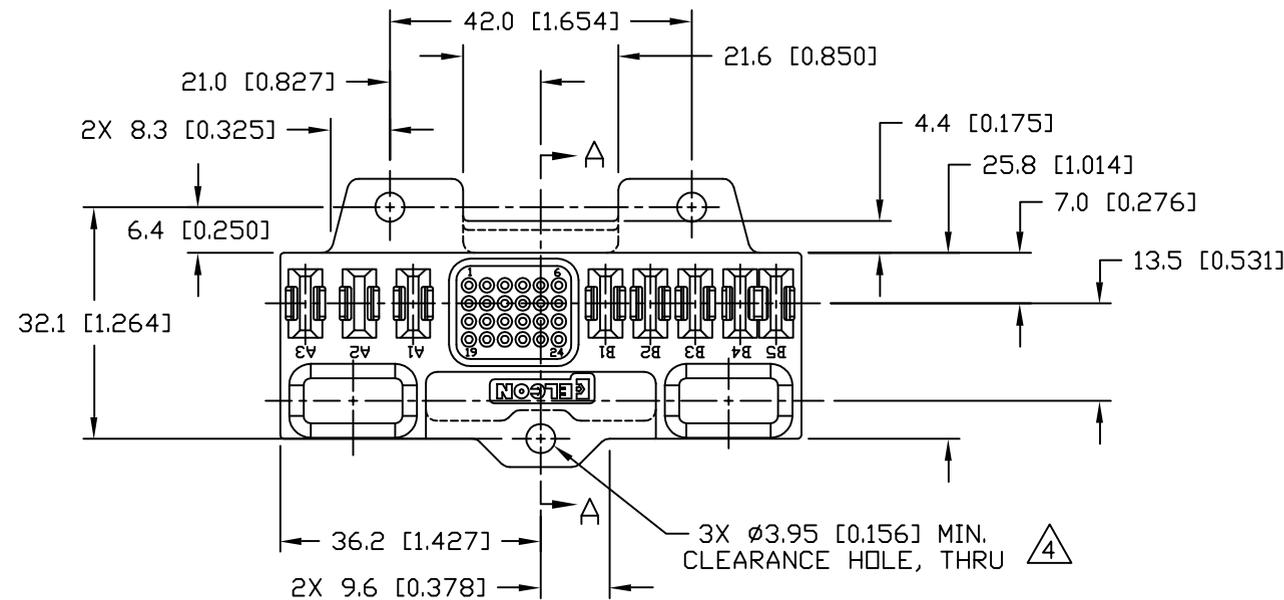


SECTION A-A



DETAIL B

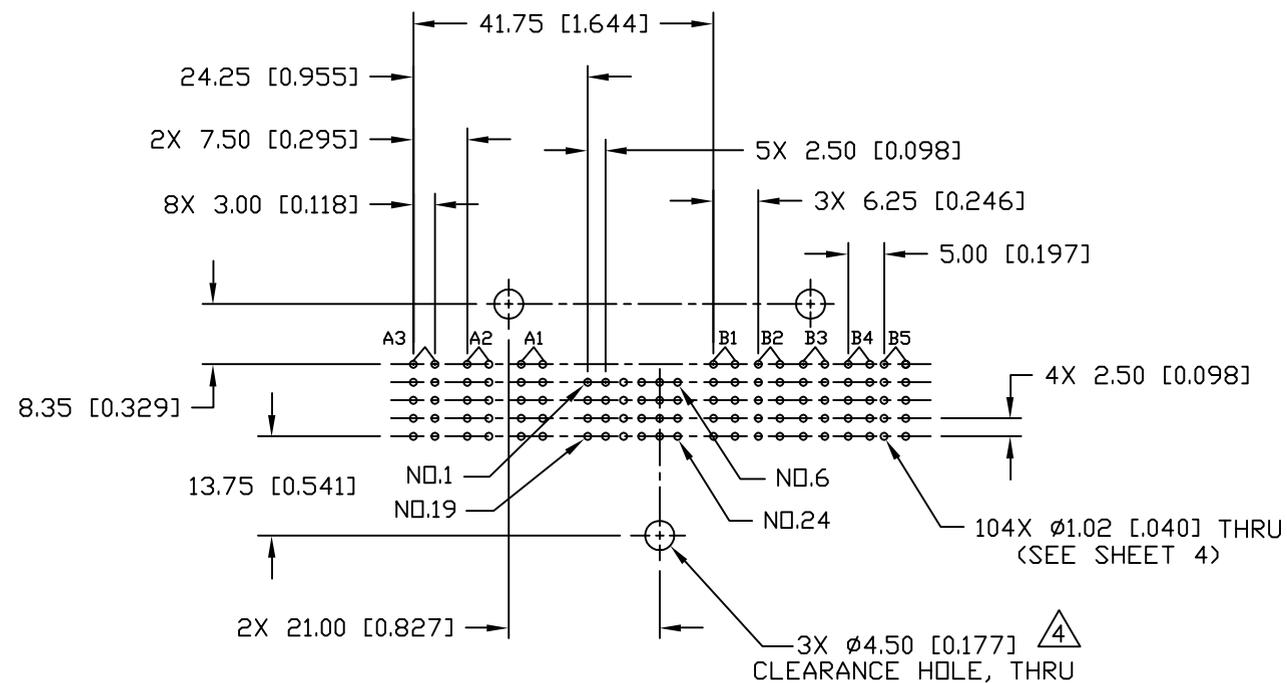
GENDER CHANGER NOT SHOWN FOR CLARITY



MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [0.010] .X ± .5 [0.020]	DRAWN R. F. A. CHECKED APPROVED APPROVED D. CHAU DCA APPROVED M. ALIM ACAD FILE NUMBER	DATE 10/28/04 12/29/04 01/07/05	Tyco Electronics Corporation Menlo Park, Ca 94025 	TITLE SOCKET CONNECTOR, SERVERPAK STRAIGHT, COMPLIANT TAILS PN: 378-0895-10200A	SIZE B	DWG NUMBER C = 6648072	REV. A
	C6648072A.DWG		DWG SCALE 1=1	SH 2 OF 4			

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PRINTED CIRCUIT LAYOUT

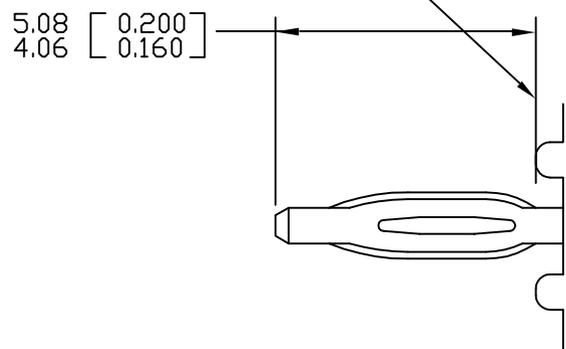
<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XX ± .25 [0.010]</p> <p>.X ± .5 [0.020]</p>	<p>← MM OR MM [INCH]</p> <p>INCH</p>	<p>DRAWN</p> <p>R. F. A.</p>	<p>DATE</p> <p>10/28/04</p>	<p>tyco Tyco Electronics Corporation</p> <p>Electronics Menlo Park, Ca 94025</p> <p>ELCON</p>	
	<p>CHECKED</p>	<p>APPROVED</p>	<p>APPROVED</p> <p>D. CHAU</p> <p>12/29/04</p>	<p>TITLE</p> <p>SOCKET CONNECTOR, SERVERPAK</p> <p>PRINTED CIRCUIT LAYOUT</p> <p>PN: 378-0895-10200A</p>	
	<p>DCA APPROVED</p> <p>M. ALIM</p> <p>01/07/05</p>	<p>APPROVED</p>	<p>DATE</p> <p>12/29/04</p>	<p>SIZE</p> <p>B</p>	<p>REV.</p> <p>A</p>
	<p>ACAD FILE NUMBER</p> <p>C6648072A.DWG</p>	<p>DWG NUMBER</p> <p>C = 6648072</p>	<p>DWG SCALE</p> <p>1=1</p>	<p>SH 3 OF 4</p>	

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REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

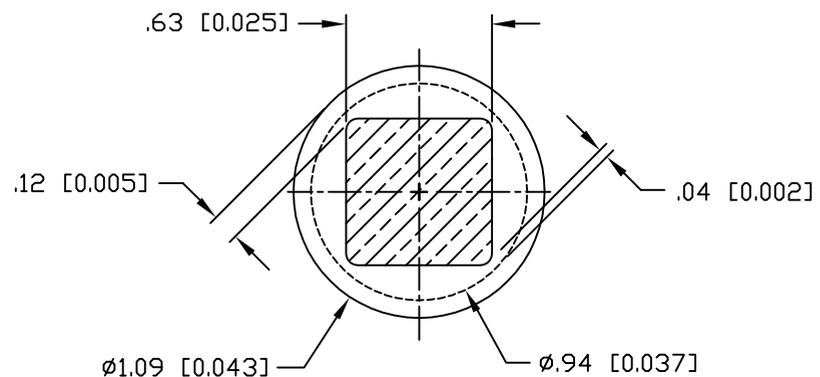
P.C. BOARD SURFACE (REF)



COMPLIANT PIN DETAIL

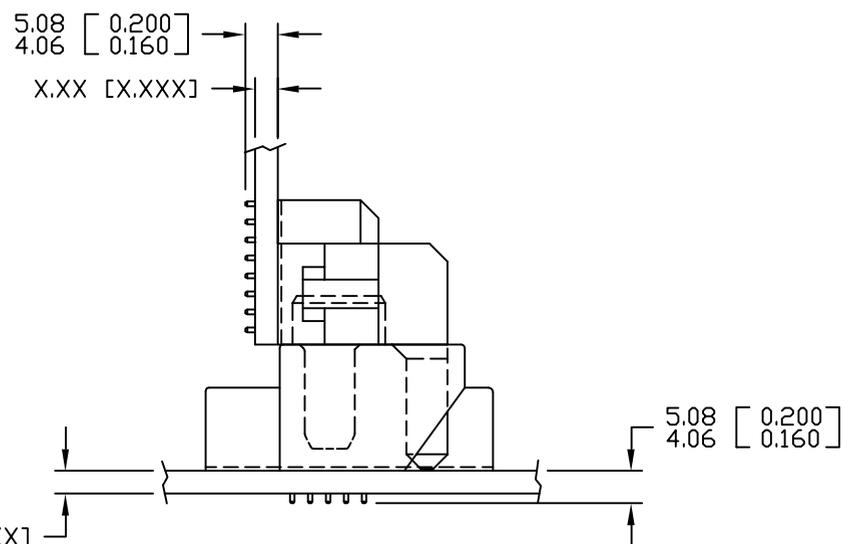
INSERTION/EXTRACTION FORCES

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

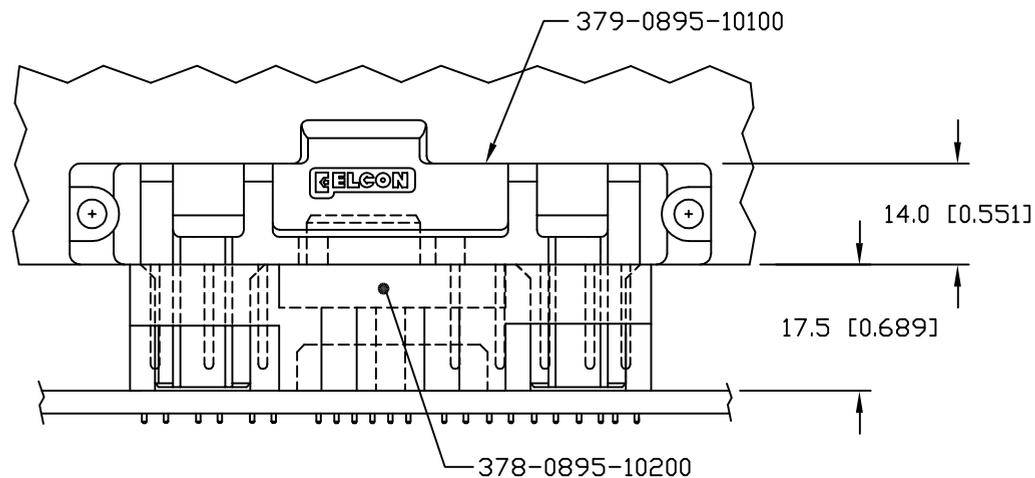


SOLDER TERMINATION AREA

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



X.XX [X.XXX]



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.	DATE 10/28/04	 Tyco Electronics Corporation Menlo Park, Ca 94025 	
	CHECKED			TITLE USER INFORMATION COMPLIANT TAIL TERMINATION AND MATED CONDITION
	APPROVED		APPROVED D. CHAU 12/29/04	SIZE B
	APPROVED DCA APPROVED M. ALIM 01/07/05	ACAD FILE NUMBER C6648072A.DWG	DWG NUMBER C = 6648072	REV. A
			DWG SCALE 1=1	SH 4 OF 4

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