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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0004-05	A	NEW RELEASE	01/06/05

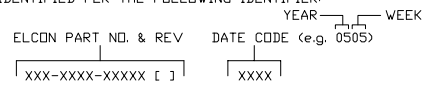
8. PART NUMBER INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	TERMINATION TYPE	PC TAIL LENGTH DIM 'A'	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	6650384-1	286-0052-12101	SOLDER TAIL (SHORT)	3.56 [ .140 ] 2.54 [ .100 ]	1.6 [ .062 ] THICK	1.6 [ .062 ] THICK
SOCKET	6650384-2	286-0052-11301	SOLDER TAIL COMPLIANT	5.08 [ .200 ] 4.06 [ .160 ]	3.2 [ .125 ] OR THINNER	1.6 [ .062 ] THICK
SOCKET	6650384-3	287-0032-12301	SOLDER TAIL (STANDARD)	5.08 [ .200 ] 4.06 [ .160 ]	3.2 [ .125 ] OR THINNER	1.6 [ .062 ] THICK

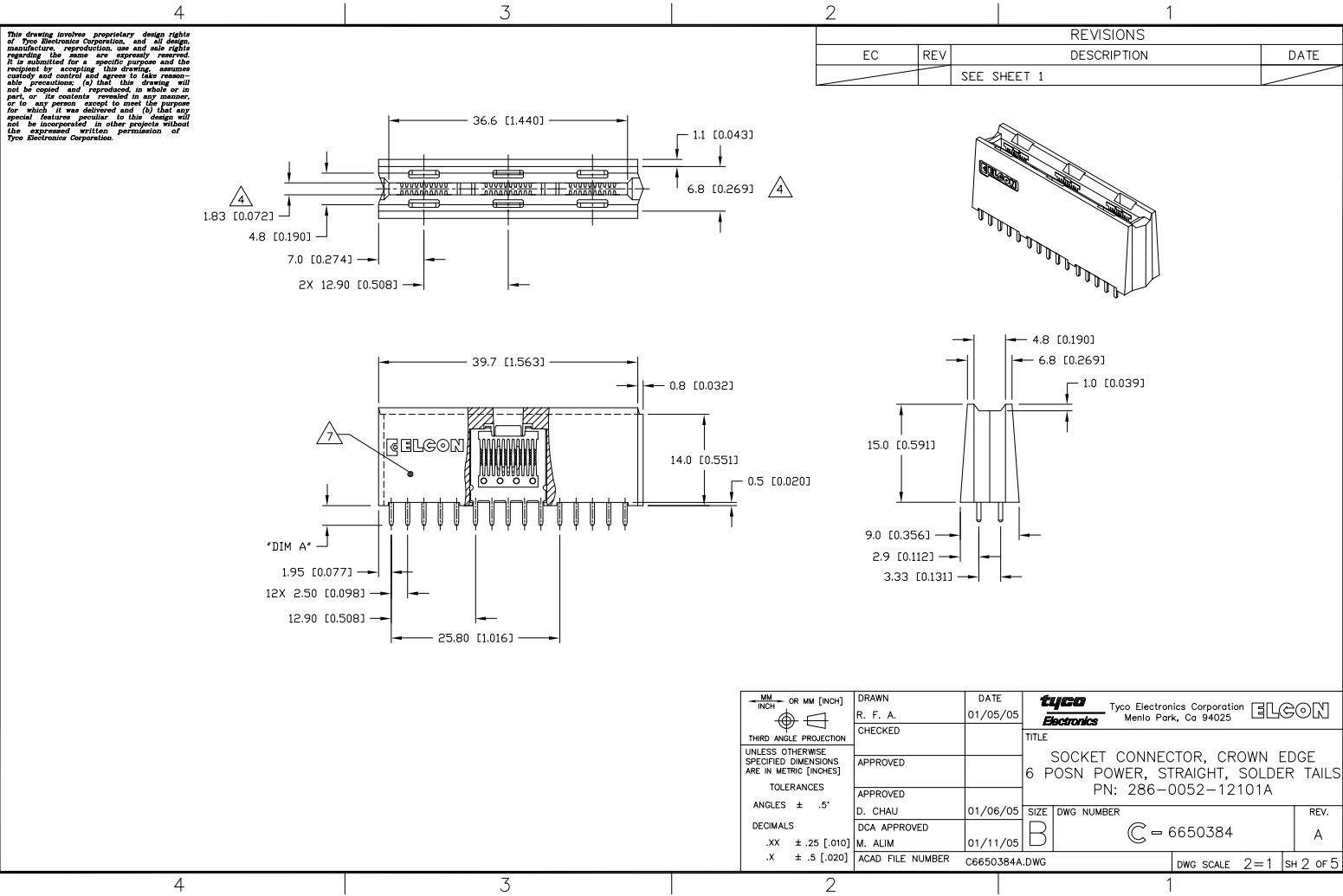
NOTES: UNLESS OTHERWISE SPECIFIED;

- 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.  
CONTACTS: PHOSPHOR-BRONZE ALLOY.
- FINISHES:  
CONTACTS: SELECTIVE GOLD PLATE PER MIL-G-45204 TYPE II, GRADE C, CLASS 0, 0.00030" MIN. THK, OVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICKNESS.  
TERMINALS: TIN PLATED, MATTE FINISH, .000100" MINIMUM THICKNESS.

4 SOCKETS ACCEPT 1.6 [ .062 ] ± 10% THK PC BOARD.  
5 EXAMPLE PCB CONFIGURATION.  
6 THIS 3 X 2 SEGMENT CONFIGURATION SHOWN IS FOR REFERENCE ONLY. COMBINATION OF MULTIPLE NUMBERS OF 2 AND 3 SEGMENT MODULES COULD BE USED PER USER PREFERENCE. OVERALL COMBINATION SHOULD NOT EXCEED 8" IN LENGTH.  
7 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

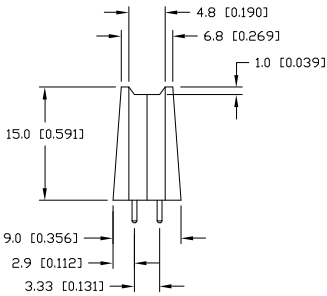
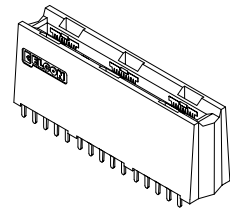


<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XX ± .25 [ .010 ]</p> <p>.X ± .5 [ .020 ]</p>	DRAWN R. F. A.	DATE 01/05/05	Tyco Electronics Corporation Menlo Park, Ca 94025 	TITLE SOCKET CONNECTOR, CROWN EDGE 6 POSITION POWER, STRAIGHT PN: 286-0052-1**01A
	CHECKED			SIZE B
	APPROVED		REV. A	
	D. CHAU DCA APPROVED 01/06/05 M. ALIM M. ALIM 01/11/05 ACAD FILE NUMBER C6650384A.DWG	DWG SCALE 2=1	SH 1 OF 5	



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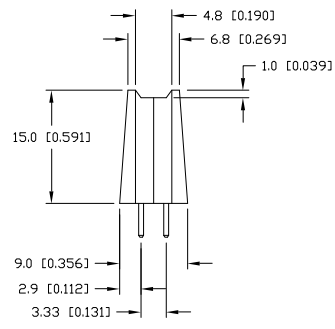
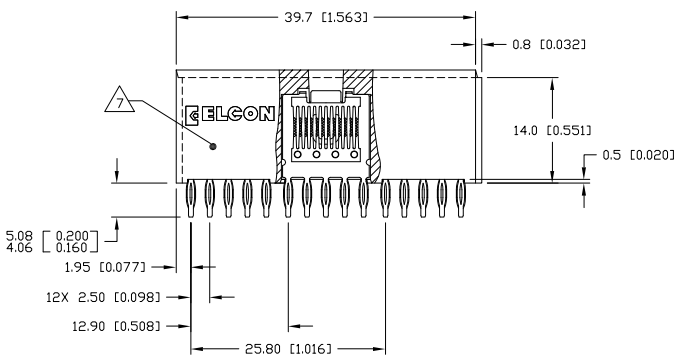
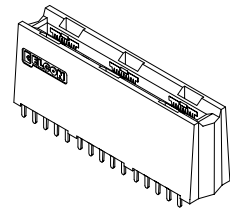
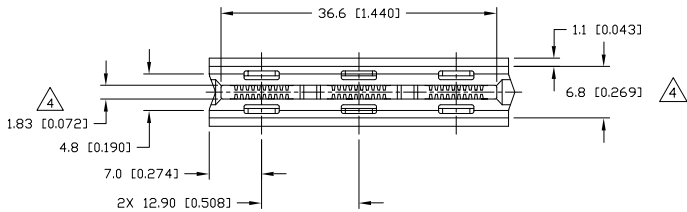
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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 Corporation Menlo Park, Ca 94025		
	R. F. A.	01/05/05			
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, CROWN EDGE 6 POSN POWER, STRAIGHT, SOLDER TAILS PN: 286-0052-12101A		
APPROVED	D. CHAU	01/06/05	SIZE	DWG NUMBER	REV.
DCA APPROVED	M. ALIM	01/11/05	B	C = 6650384	A
ACAD FILE NUMBER	C6650384A.DWG		DWG SCALE	2=1 SH 2 OF 5	

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		SEE SHEET 1	



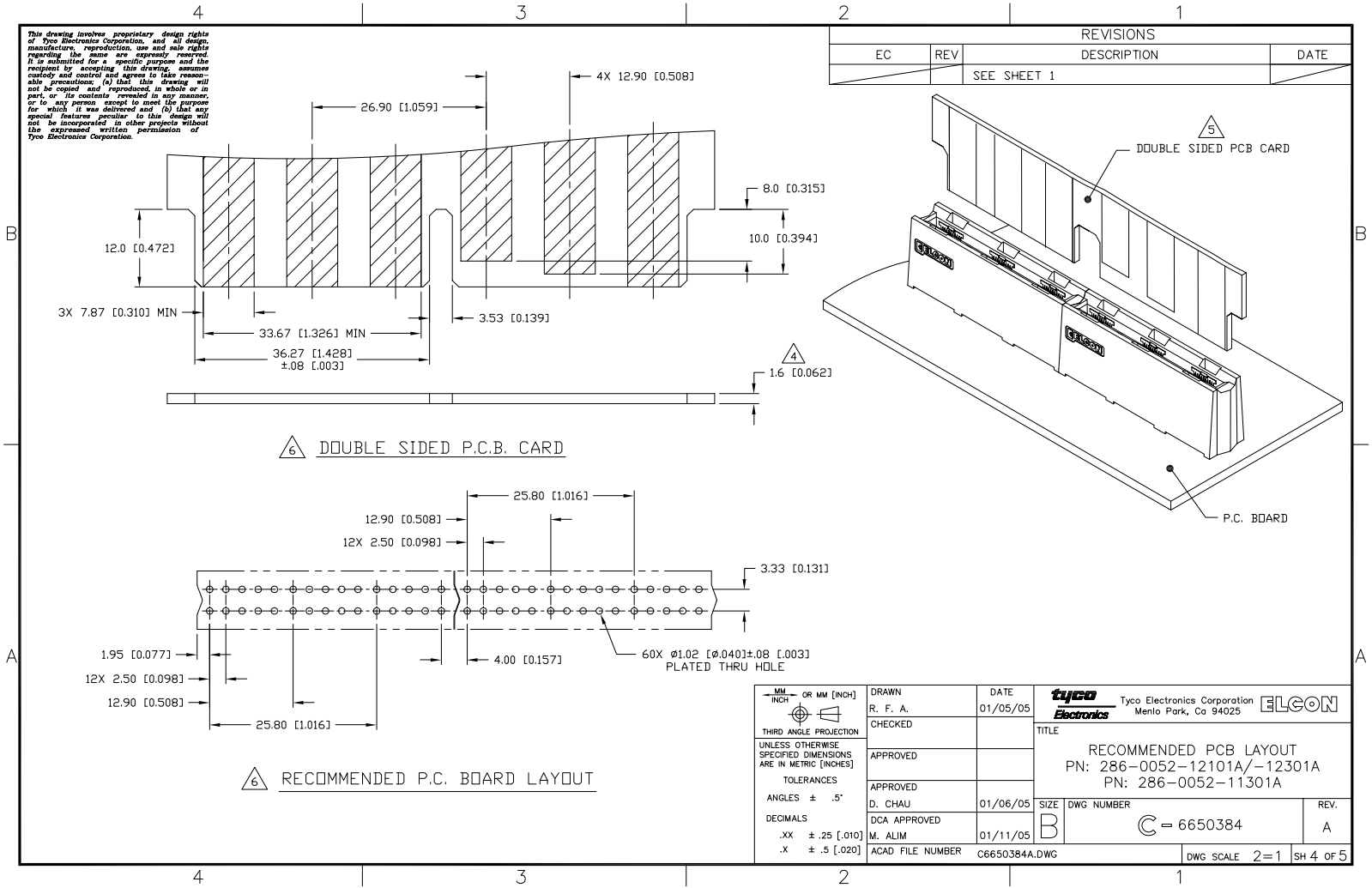
MM OR MM [INCH]  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025 	TITLE SOCKET CONNECTOR, CROWN EDGE 6 POSN PWR, STRAIGHT, COMPLIANT TAILS PN: 286-0052-11301A	SIZE DWG NUMBER B C = 6650384	REV. A
	R. F. A.	01/05/05				
	CHECKED					
	APPROVED					
	APPROVED	01/06/05				
	DCA APPROVED					
	M. ALIM	01/11/05				
	ACAD FILE NUMBER	C6650384A.DWG		DWG SCALE	2=1	SH 3 OF 5

4 3 2 1

4 3 2 1

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6 DOUBLE SIDED P.C.B. CARD

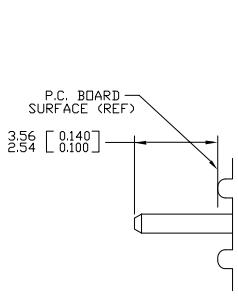
6 RECOMMENDED P.C. BOARD LAYOUT

DRAWN R. F. A. CHECKED THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DATE 01/05/05  APPROVED  APPROVED D. CHAU DCA APPROVED M. ALIM 01/11/05 ACAD FILE NUMBER C6650384A.DWG	Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON  TITLE RECOMMENDED PCB LAYOUT PN: 286-0052-12101A/-12301A PN: 286-0052-11301A SIZE DWG NUMBER B C = 6650384 REV. A
DWG SCALE 2=1		SH 4 OF 5

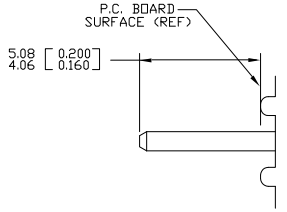
4 3 2 1

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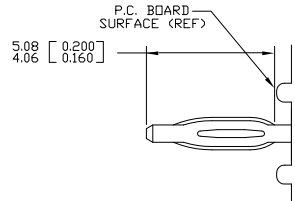
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



SOLDER PIN DETAIL



SOLDER PIN DETAIL



COMPLIANT PIN DETAIL

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

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)

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 01/05/05	Tyco Electronics Corporation Menlo Park, Ca 94025 	
	CHECKED			TITLE SOCKET CONNECTOR, CROWN EDGE USER INFORMATION SOLDER & COMPLIANT TAILS TERMINATION
	APPROVED		SIZE B	DWG NUMBER C = 6650384
	APPROVED D. CHAU	01/06/05	REV. A	
	DCA APPROVED M. ALIM	01/11/05		
	ACAD FILE NUMBER	C6650384A.DWG	DWG SCALE 2=1 SH 5 of 5	

4 3 2 1