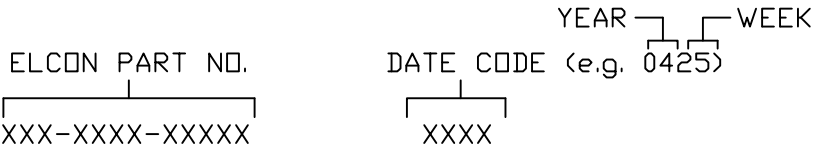


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REVISIONS			
EC	REV	DESCRIPTION	DATE
DS1Q-0029-05	A	NEW RELEASE	01/19/05

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



7. RECOMMENDED PRESSING FIXTURE:
FIX00001 FOR COMPLIANT APPLICATION IS AVAILABLE.
PLEASE CONSULT FACTORY.

6. EXAMPLE PCB CONFIGURATION.

5. THIS CONFIGURATION WITH 3 SEGMENT POWER CONNECTOR IS SHOWN FOR REFERENCE ONLY.
COMBINATION OF MULTIPLE NUMBERS OF 2 AND 3 SEGMENT MODULES COULD BE USED PER USER PREFERENCE.
OVERALL COMBINATION SHOULD NOT EXCEED 8.0" IN LENGTH.

4. SOCKETS ACCEPT 1.6 [.062] ±10% THICK PC BOARD.

3. FINISHES:
CONTACTS: SELECTIVE GOLD PER MIL-G-45204, TYPE II, CLASS 0, .000030" MIN. THK,
OVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICK.
TERMINALS: TIN PLATE, MATTE FINISH, .000100" MINIMUM THICKNESS

2. MATERIALS:
INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK,
UL94V-0 FLAMMABILITY RATED.
CONTACTS: PHOSPHOR BRONZE ALLOY

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

NOTES: UNLESS OTHERWISE SPECIFIED;

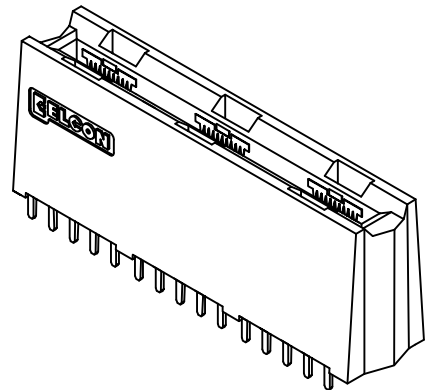
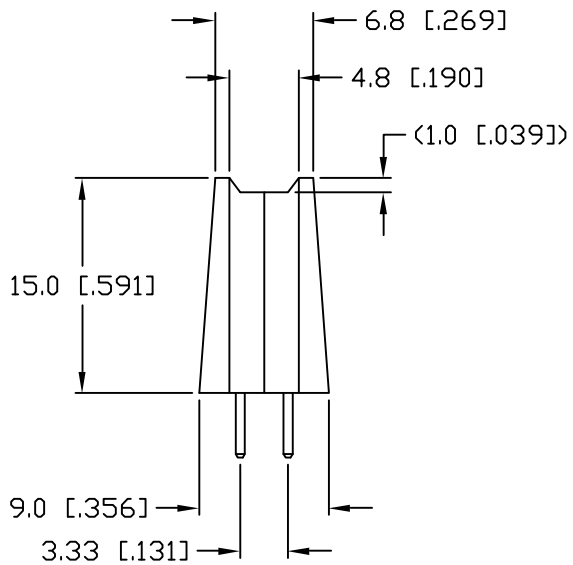
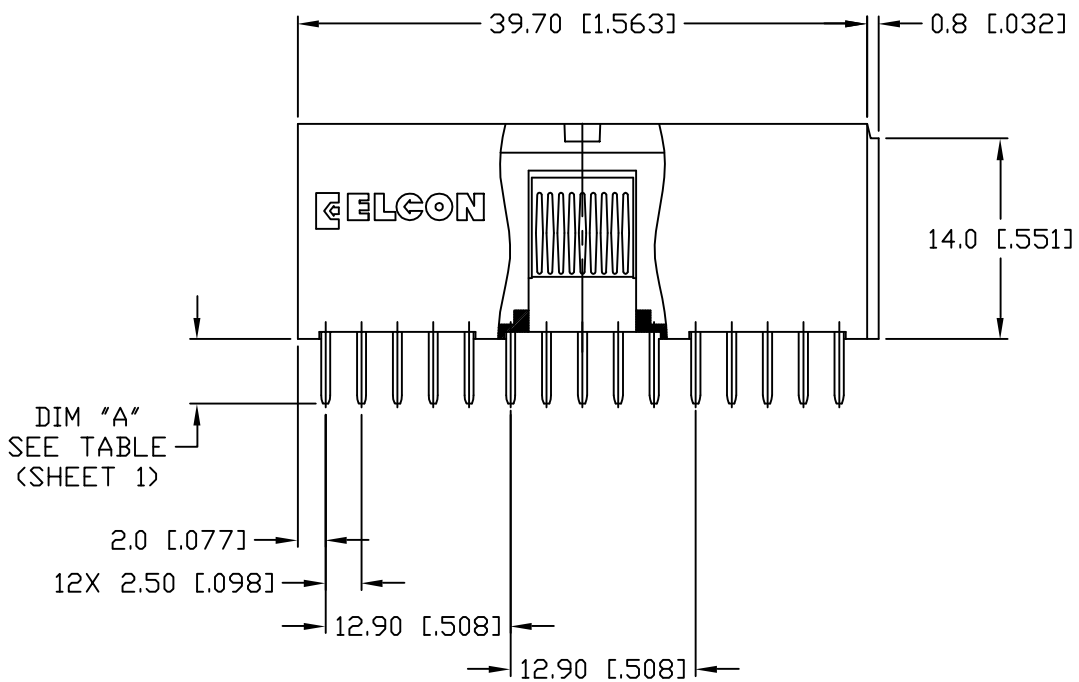
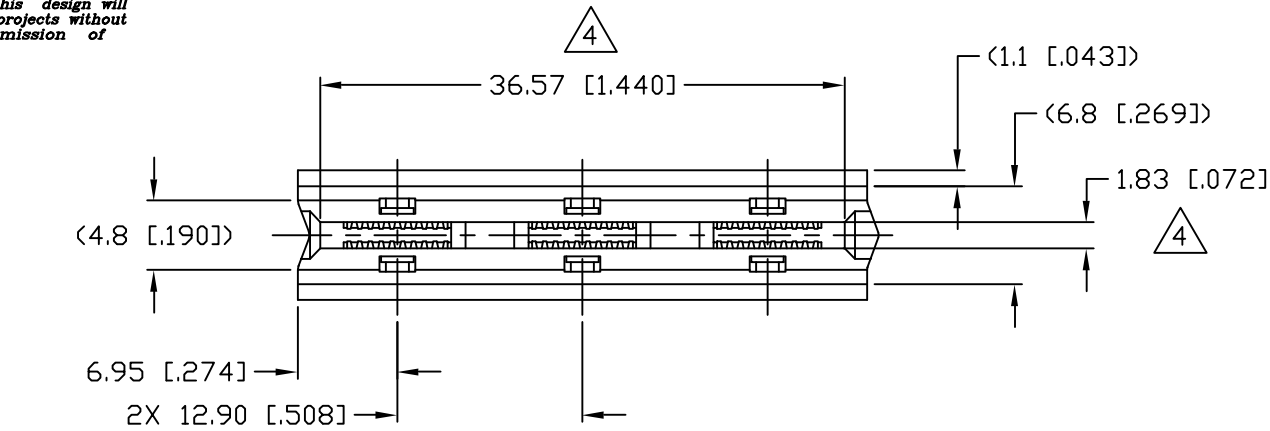
9. PART NUMBER INFORMATION

CONNECTOR	REFERENCE TYCO PN	ELCON PART NUMBER	TERMINATION TYPE	PC TAIL LENGTH DIM "A"	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	6650383-3	284-0102-12100	SOLDER TAIL (SHORT)	3.56 [.140] 2.54 [.100]	1.6 [.062] THICK	1.6 [.062] THICK
SOCKET	6650383-2	284-0102-12300	SOLDER TAIL (STANDARD)	5.08 [.200] 4.06 [.160]	3.2 [.125] OR THINNER	1.6 [.062] THICK
SOCKET	6650383-1	284-0102-11300	COMPLIANT TAIL	5.08 [.200] 4.06 [.160]	2.3 [.093] OR THICKER	1.6 [.062] THICK

<div>← MM OR MM [INCH]</div> <div>INCH</div> <div></div> <div>THIRD ANGLE PROJECTION</div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div> <div>TOLERANCES</div> <div>ANGLES ± .5°</div> <div>DECIMALS</div> <div>.XX ± .25 [.010]</div> <div>.X ± .5 [.020]</div>	DRAWN	DATE	<div><div>tyco</div><div>Electronics</div></div> <div>Tyco Electronics Corporation Menlo Park, Ca 94025</div> <div>ELCON</div>		
	M.C. CANT	01/19/05	TITLE SOCKET CONNECTOR, CROWN EDGE PN: 284-0102-12100/284-0102-12300 PN: 284-0102-11300		
	CHECKED				
	APPROVED				
	APPROVED		SIZE B		
D. CHAU	02/11/05				
DCA APPROVED					
M. ALIM	03/02/05	C = 6650383			
ACAD FILE NUMBER	C6650383A.DWG		DWG SCALE 2=1		SH 1 OF 5

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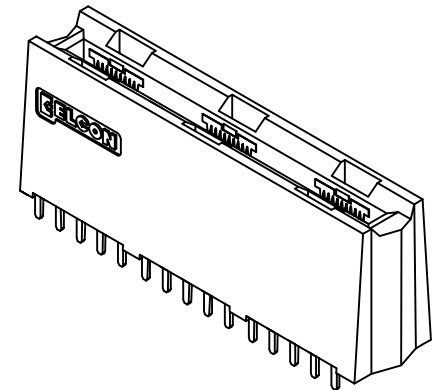
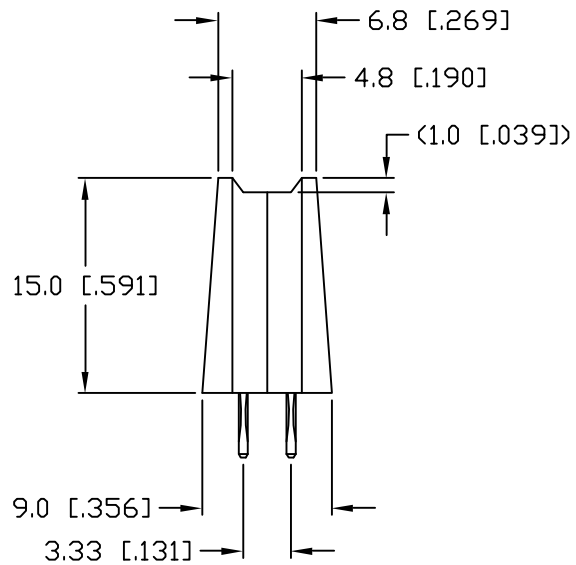
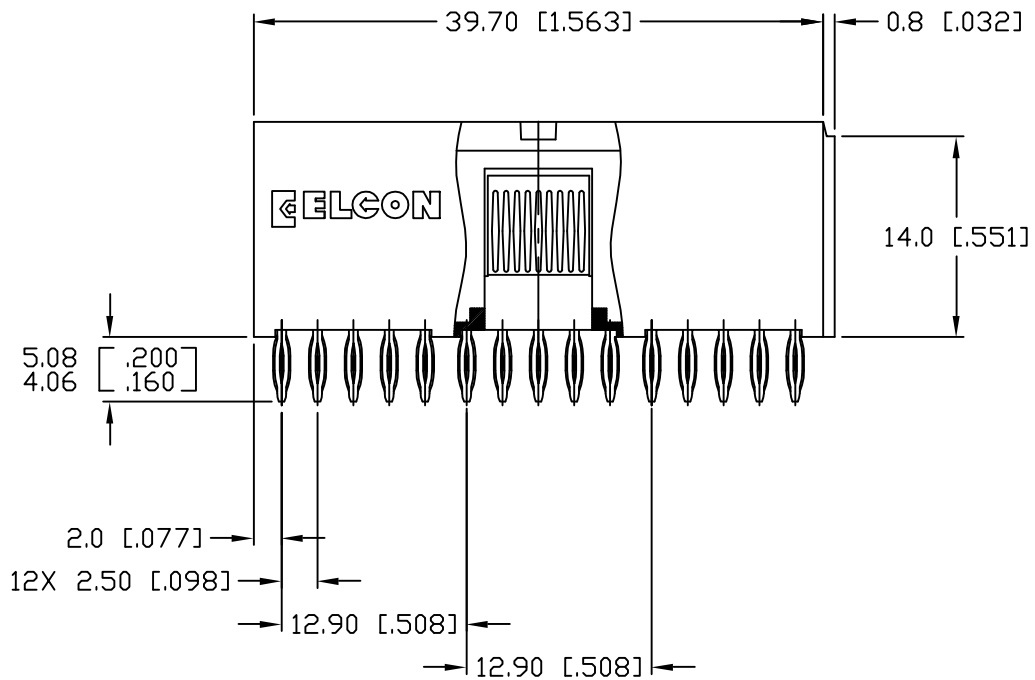
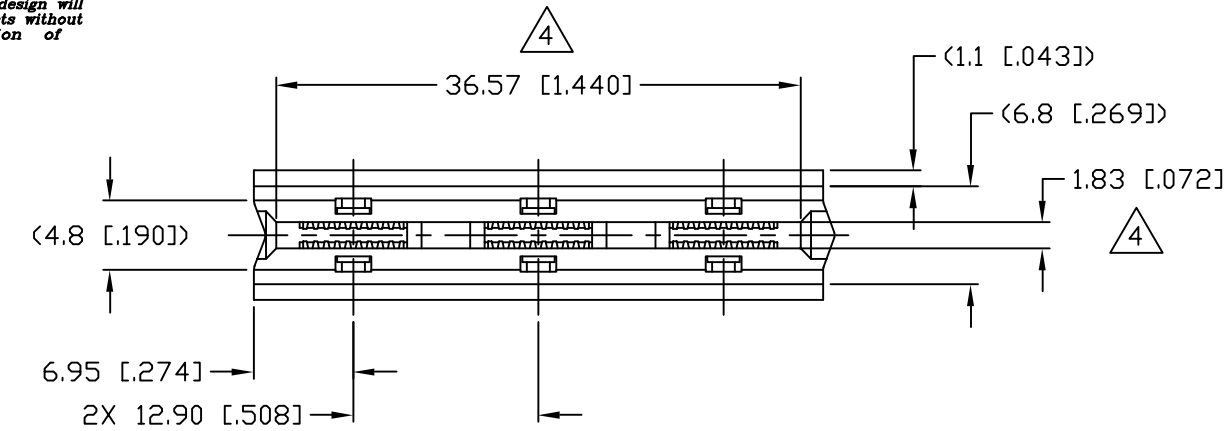
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



<div><div><div>← MM INCH</div><div>OR MM [INCH]</div></div><div></div><div>THIRD ANGLE PROJECTION</div></div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div> <div>TOLERANCES</div> <div>ANGLES ± .5°</div> <div>DECIMALS</div> <div>.XX ± .25 [.010]</div> <div>.X ± .5 [.020]</div>	DRAWN M.C. CANT	DATE 01/19/05	<div><div><div>tyco</div><div>Electronics</div></div><div>Tyco Electronics Corporation Menlo Park, Ca 94025</div><div>ELCON</div></div>		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, SOLDER, NHP PN: 284-0102-12100/284-0102-12300		
	APPROVED		SIZE	DWG NUMBER	REV.
	D. CHAU	02/11/05	B	C = 6650383	A
DCA APPROVED	03/02/05				
M. ALIM					
ACAD FILE NUMBER		C6650383A.DWG		DWG SCALE 2=1	SH 2 OF 5

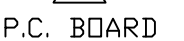
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EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



<div><div>MM OR MM [INCH]</div><div></div><div>THIRD ANGLE PROJECTION</div><div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div><div>TOLERANCES</div><div>ANGLES ± .5°</div><div>DECIMALS</div><div>.XX ± .25 [.010]</div><div>.X ± .5 [.020]</div></div>	DRAWN	DATE	<div><div><div>tyco</div><div>Electronics</div></div><div>Tyco Electronics Corporation Menlo Park, Ca 94025</div></div> <div>ELCON</div>		
	M.C. CANT	01/19/05			
	CHECKED		TITLE		
	APPROVED				
	APPROVED				
D. CHAU	02/11/05	SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, COMPLIANT PN: 284-0102-11300			
DCA APPROVED		SIZE	DWG NUMBER	REV.	
M. ALIM	03/02/05	B	C = 6650383	A	
ACAD FILE NUMBER			C6650383A.DWG	DWG SCALE 2=1	SH 3 OF 5

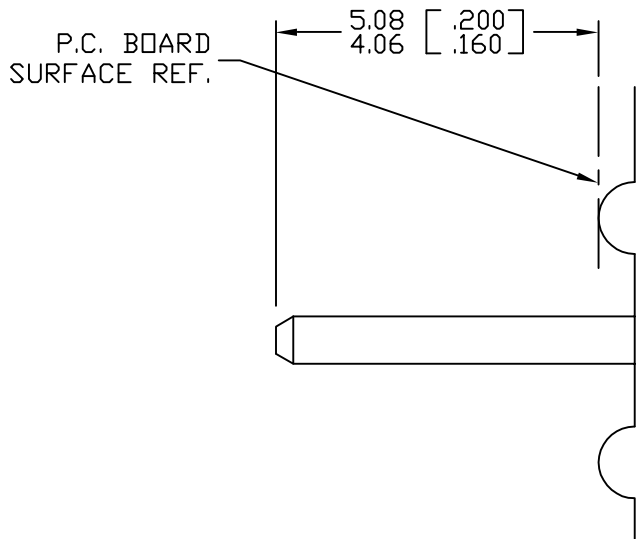
B

A

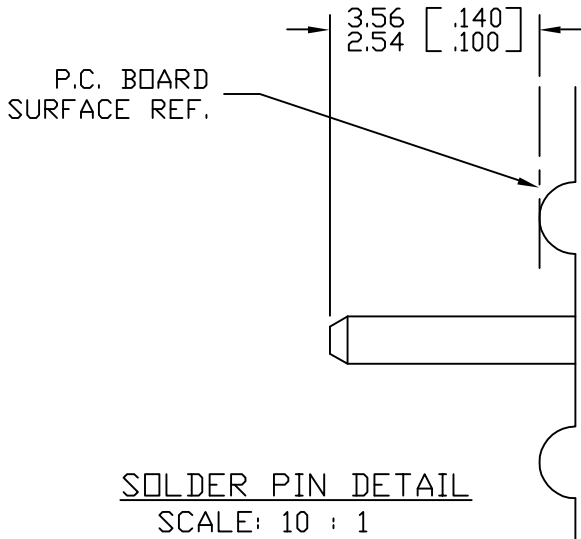
<div><div><div>MM INCH</div><div>OR MM [INCH]</div></div><div></div><div>THIRD ANGLE PROJECTION</div></div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div> <div>TOLERANCES</div> <div>ANGLES ± .5°</div> <div>DECIMALS</div> <div>.XX ± .25 [.010]</div> <div>.X ± .5 [.020]</div>	<div>DRAWN</div> <div>M.C. CANT</div>	<div>DATE</div> <div>01/19/05</div>	<div><div><div>tyco</div><div>Electronics</div></div><div>Tyco Electronics Corporation Menlo Park, Ca 94025</div><div>ELCON</div></div>		
	<div>CHECKED</div>		<div>TITLE</div> <div>USER INFORMATION RECOMMENDED PC BOARD LAYOUT CROWN EDGE</div>		
	<div>APPROVED</div>				
	<div>APPROVED</div>				
	<div>D. CHAU</div> <div>02/11/05</div>	<div>SIZE</div> <div>B</div> <div>DWG NUMBER</div> <div>C = 6650383</div>			
<div>DCA APPROVED</div> <div>M. ALIM</div> <div>03/02/05</div>	<div>ACAD FILE NUMBER</div> <div>C6650383A.DWG</div>		<div>DWG SCALE</div> <div>2=1</div>	<div>SH 4 OF 5</div>	

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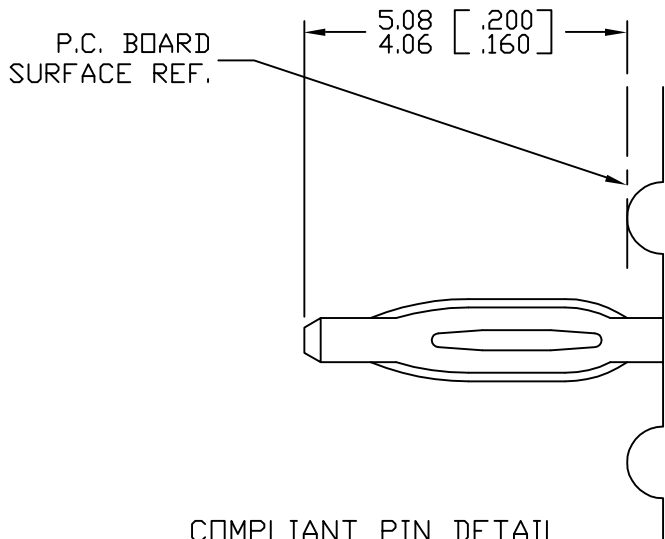
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



SOLDER PIN DETAIL
SCALE: 10 : 1



SOLDER PIN DETAIL
SCALE: 10 : 1



COMPLIANT PIN DETAIL
SCALE: 10 : 1

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
SOLDER OR COMPLIANT PRESS FIT
FINISHED HOLE: $\varnothing 1.02$ [.040] $\pm .08$ [.003]
DRILLED HOLE: $\varnothing 1.15$ [.0453] $\pm .013$ [.0005]
COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

<div><div><div>← MM INCH</div><div>OR MM [INCH]</div></div><div></div><div>THIRD ANGLE PROJECTION</div></div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</div> <div>TOLERANCES</div> <div>ANGLES ± .5°</div> <div>DECIMALS</div> <div>.XX ± .25 [.010]</div> <div>.X ± .5 [.020]</div>	DRAWN M.C. CANT	DATE 01/19/05	<div><div><div><div>tyco</div><div>Electronics</div></div><div>Tyco Electronics Corporation Menlo Park, Ca 94025</div></div><div>ELCON</div></div>			
	CHECKED		TITLE USER INFORMATION SOLDER & COMPLIANT TERMINATION CROWN EDGE			
	APPROVED					
	APPROVED					
	D. CHAU	02/11/05	SIZE B	DWG NUMBER C = 6650383		REV. A
DCA APPROVED M. ALIM	03/02/05					
ACAD FILE NUMBER C6650383A.DWG			DWG SCALE 2=1		SH 5 OF 5	

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