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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:

ELCON PART NO. XXX-XXXX-XXXXX

DATE CODE (e.g. 0425) XXXX (YEAR, WEEK)

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

MM / INCH 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 M.C. CANT	DATE 01/19/05	
CHECKED		
APPROVED		
APPROVED D. CHAU	02/11/05	
DCA APPROVED M. ALIM	03/02/05	
ACAD FILE NUMBER C6650383A.DWG		DWG SCALE 2=1

tyco Electronics — Tyco Electronics Corporation, Menlo Park, Ca 94025 — ELCON

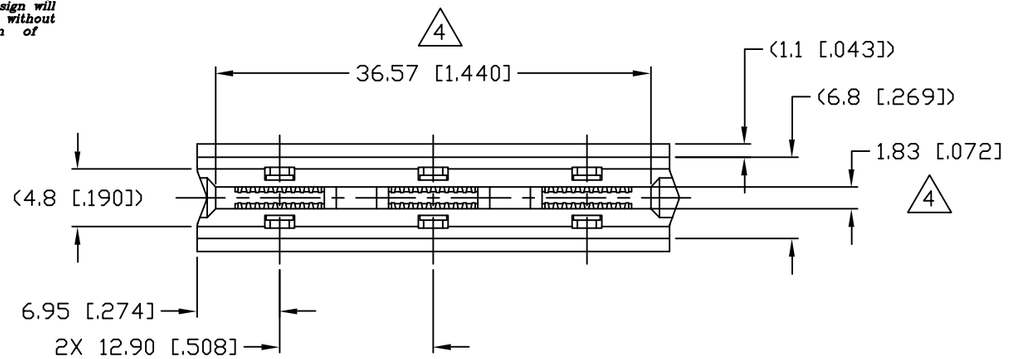
TITLE
SOCKET CONNECTOR, CROWN EDGE
PN: 284-0102-12100/284-0102-12300
PN: 284-0102-11300

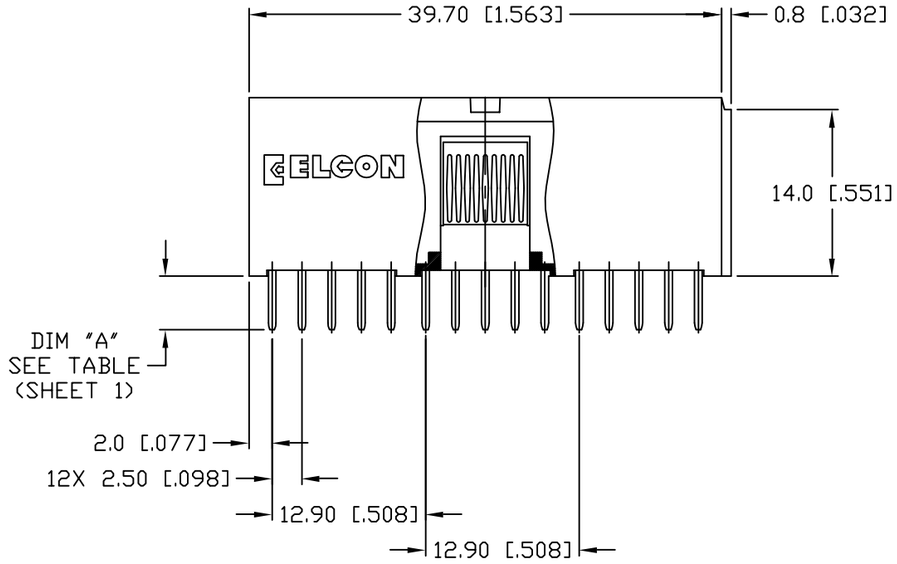
SIZE B | DWG NUMBER C = 6650383 | REV. A

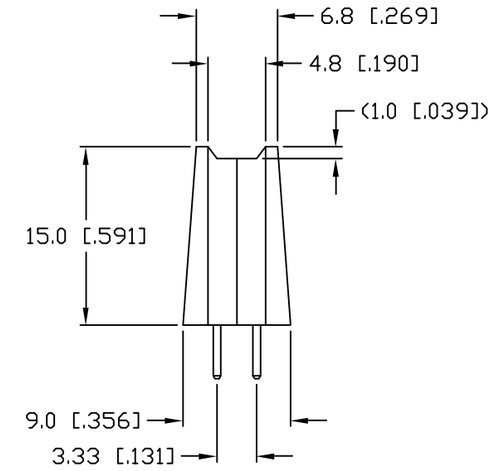
SH 1 OF 5

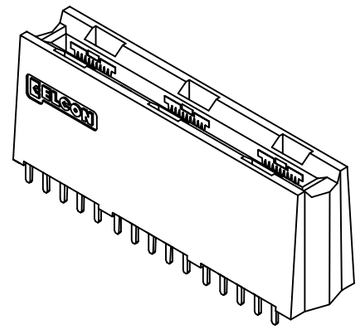
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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	





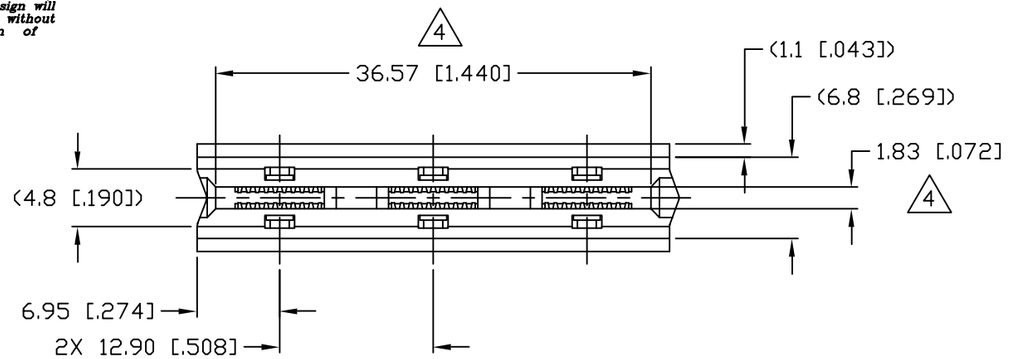


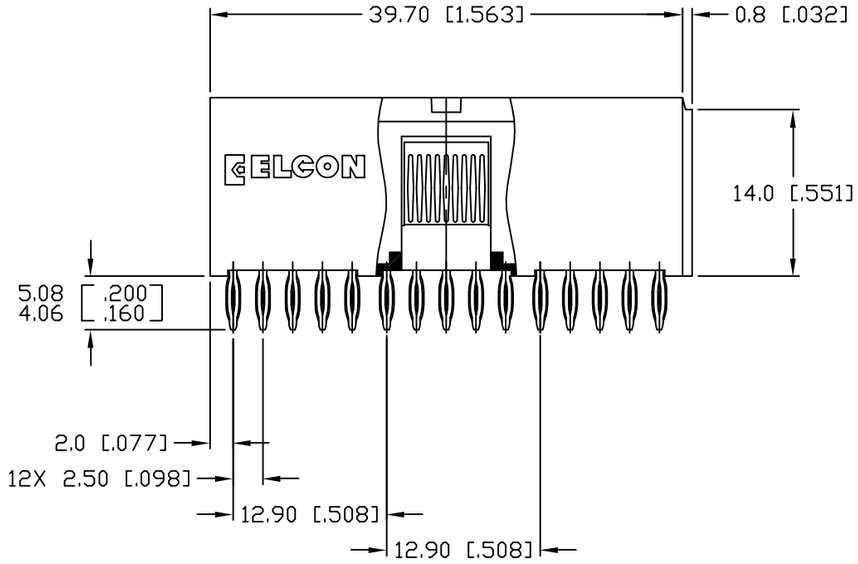


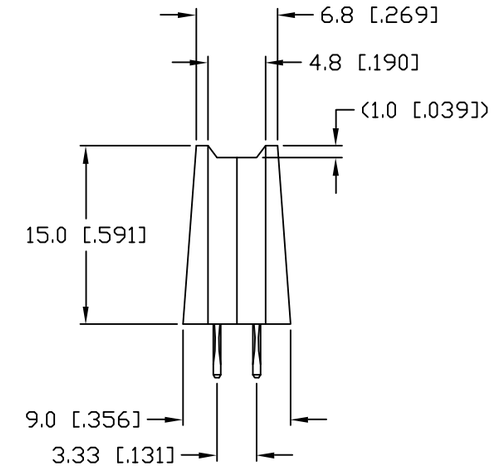
MM / INCH OR MM [INCH] — THIRD ANGLE PROJECTION	DRAWN M.C. CANT	DATE 01/19/05	Tyco Electronics Corporation, Menlo Park, Ca 94025
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	CHECKED		TITLE: SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, SOLDER, NHP
TOLERANCES: ANGLES ± .5°	APPROVED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

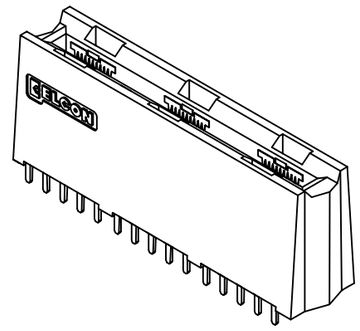
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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	





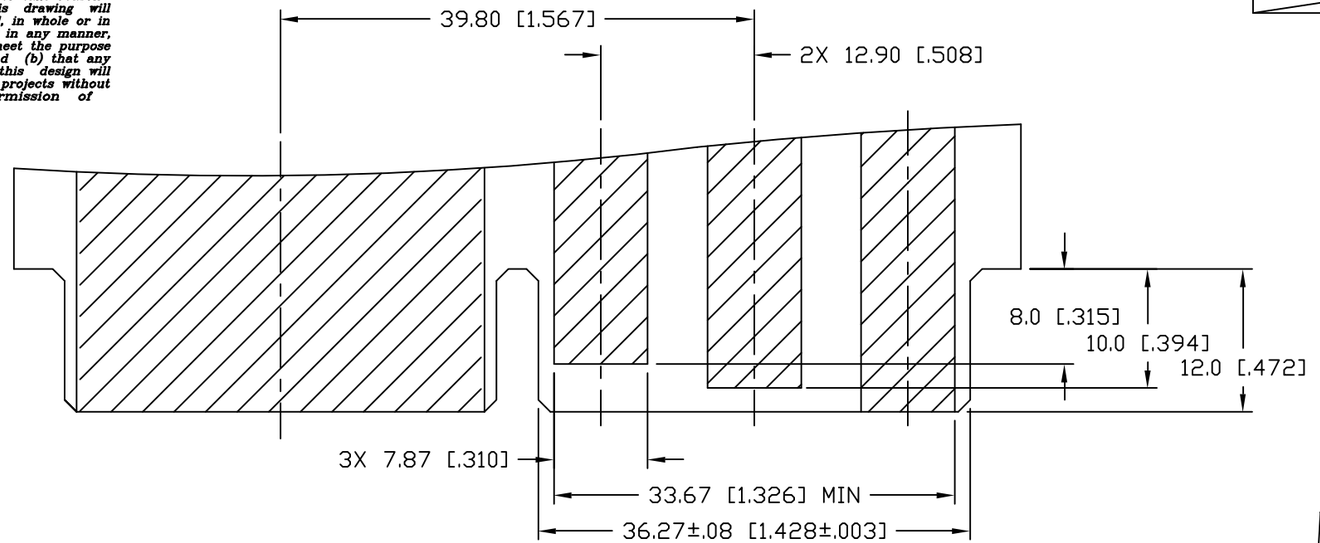




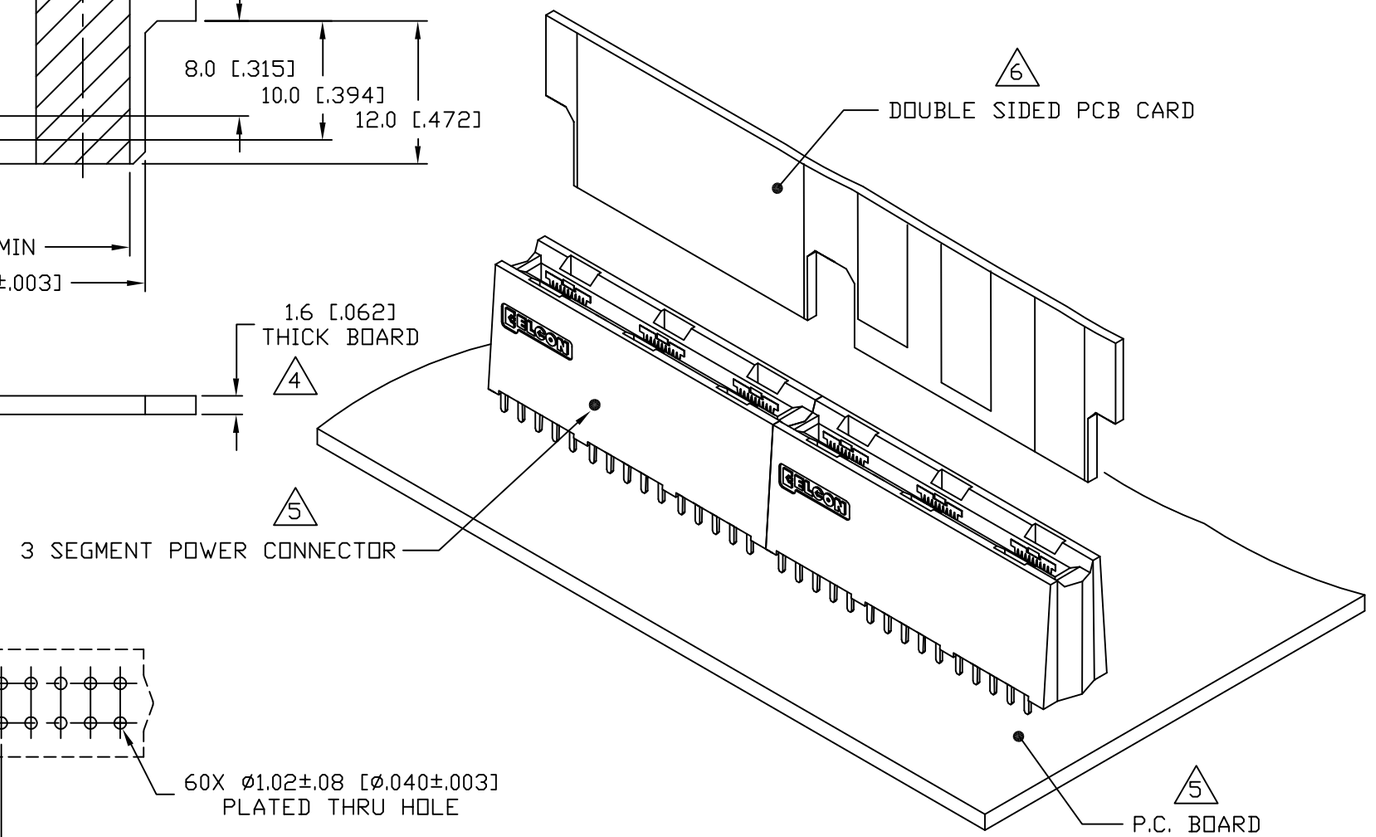
MM / INCH OR MM [INCH] — THIRD ANGLE PROJECTION	DRAWN M.C. CANT	DATE 01/19/05	Tyco Electronics Corporation, Menlo Park, Ca 94025
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	CHECKED		TITLE: SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, COMPLIANT
TOLERANCES: ANGLES ± .5°	APPROVED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

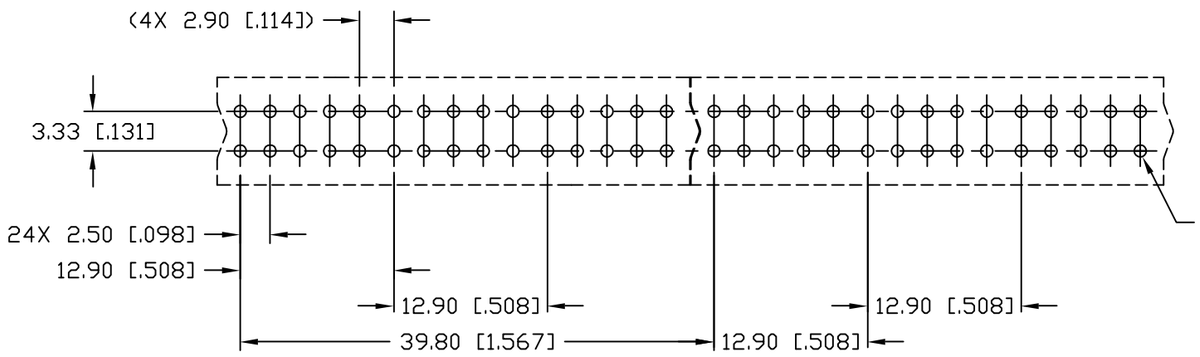
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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



△6 DOUBLE SIDED P.C.B. CARD



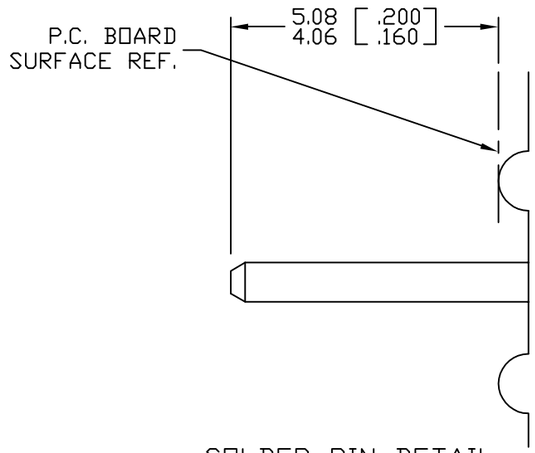


△5 RECOMMENDED P.C. BOARD LAYOUT

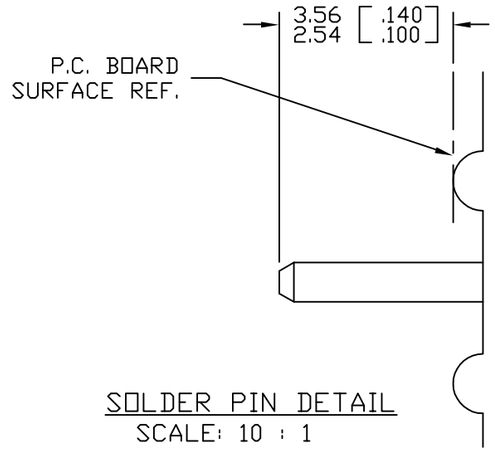
MM OR MM [INCH] THIRD ANGLE PROJECTION	DRAWN M.C. CANT	DATE 01/19/05	Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	CHECKED		TITLE: USER INFORMATION RECOMMENDED PC BOARD LAYOUT 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 4 OF 5

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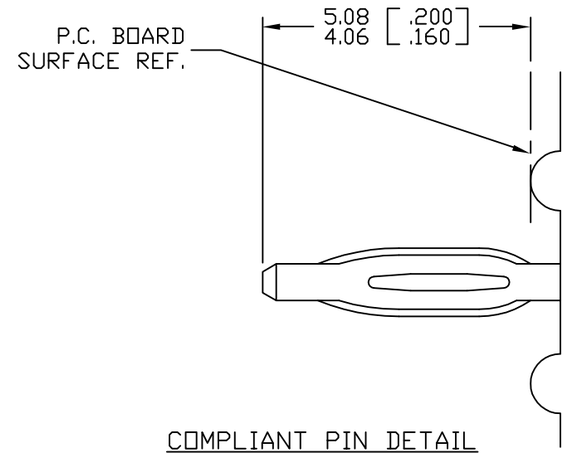
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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: ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

MM / INCH 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 M.C. CANT	DATE 01/19/05	
CHECKED		
APPROVED		
APPROVED D. CHAU	02/11/05	
DCA APPROVED M. ALIM	03/02/05	
ACAD FILE NUMBER	C6650383A.DWG	

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TITLE
USER INFORMATION
SOLDER & COMPLIANT TERMINATION
CROWN EDGE

SIZE	DWG NUMBER	REV.
B	C-6650383	A

DWG SCALE 2=1 | SH 5 OF 5

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