

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

—, — .

© COPYRIGHT — By —

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

A1

REVISED PER ECO-11-005150

21MAR11

RK

HMR

8. PART NUMBER INFORMATION

CONNECTOR	TE CONNECTIVITY 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;

1. 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.

CONTACTS: PHOSPHOR-BRONZE ALLOY.

3. FINISHES:

CONTACTS: SELECTIVE GOLD PLATE PER MIL-G-45204 TYPE II, GRADE C, CLASS 0. 000030" 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:

YEAR

WEEK

ELCON PART NO. & REV

DATE CODE (e.g. 0505)

XXX-XXXX-XXXXX []

XXXX

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm[INCHES]

MATERIAL
—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± 0.5[0.020]

2 PLC ± 0.25[0.010]

3 PLC ± —

4 PLC ± —

ANGLES ± 0.5°

FINISH
—

DWN
R. F. A.
CHK
—
APVD
D. CHAU
PRODUCT SPEC
—
APPLICATION SPEC
—
WEIGHT
—

01/05/05
—
01/06/05
—
—
—
—

TE Connectivity

NAME
SOCKET CONNECTOR, CROWN EDGE
6 POSITION POWER, STRAIGHT
PN: 286-0052-1**01A

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-6650384

RESTRICTED TO
—

CUSTOMER DRAWING

SCALE
2:1

SHEET
1 OF 5

REV
A1

1470-19 (3/11)

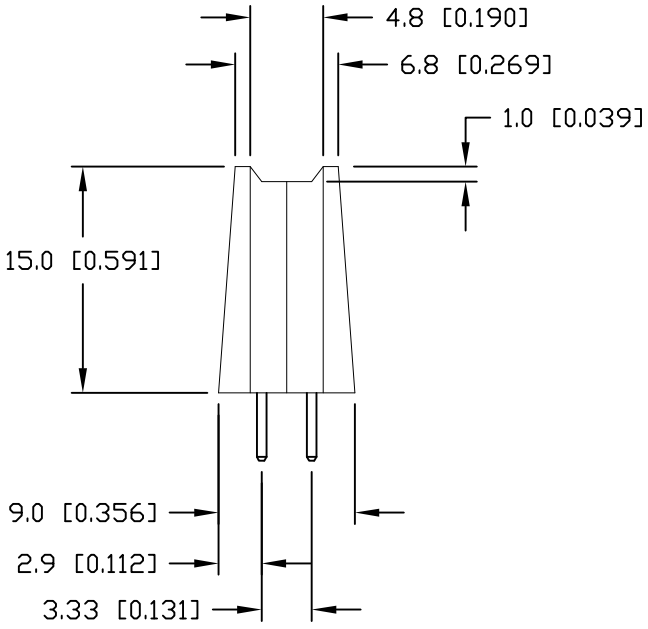
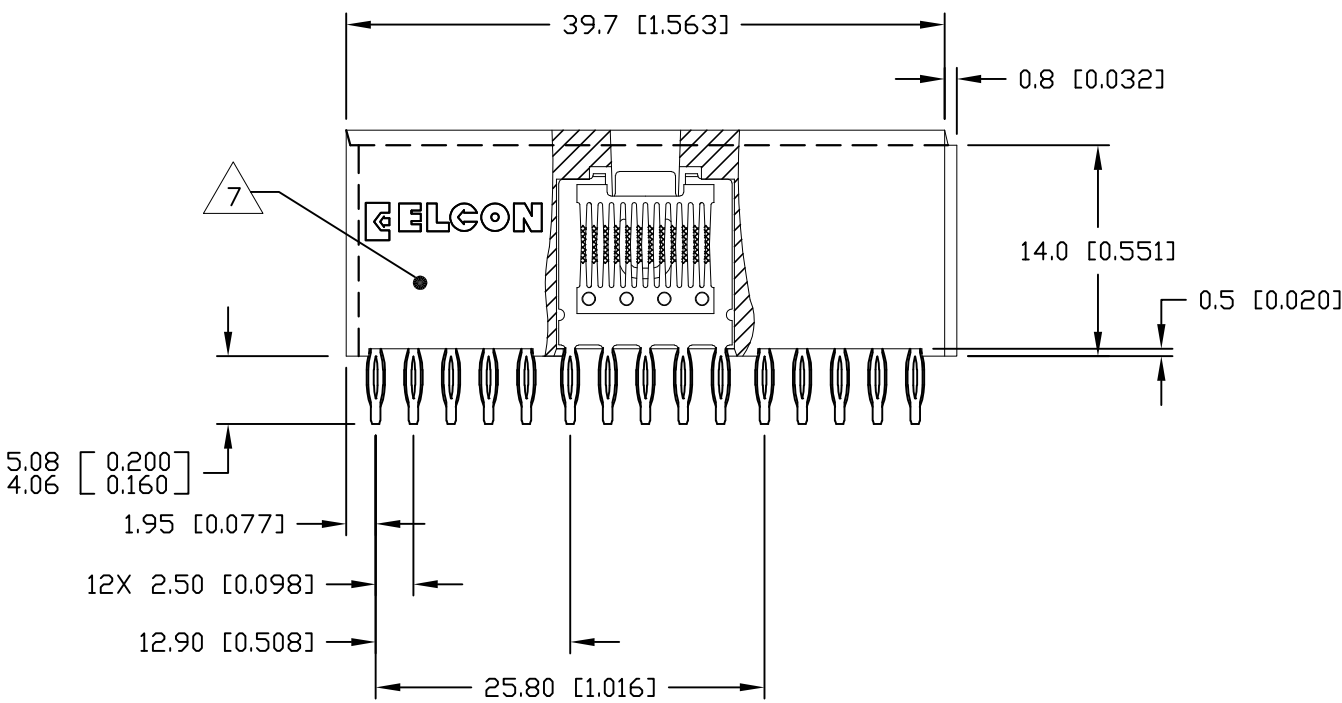
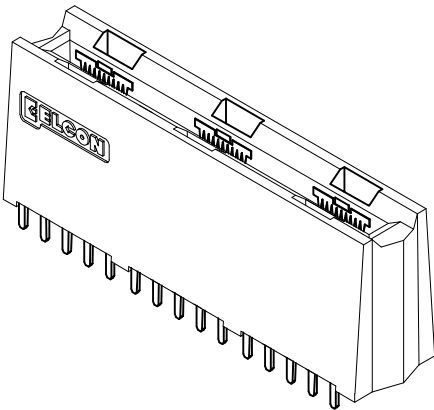
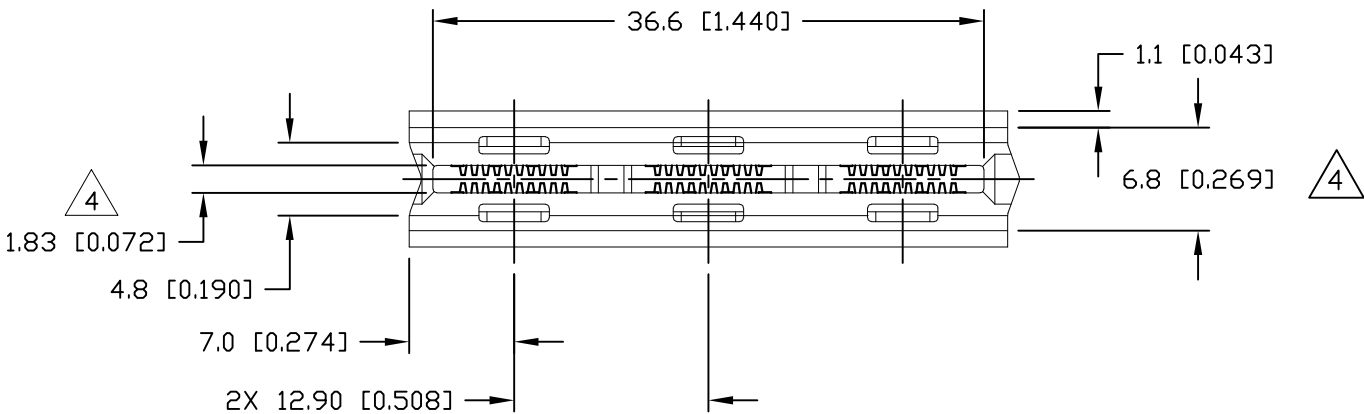
4

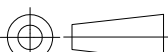
3

2

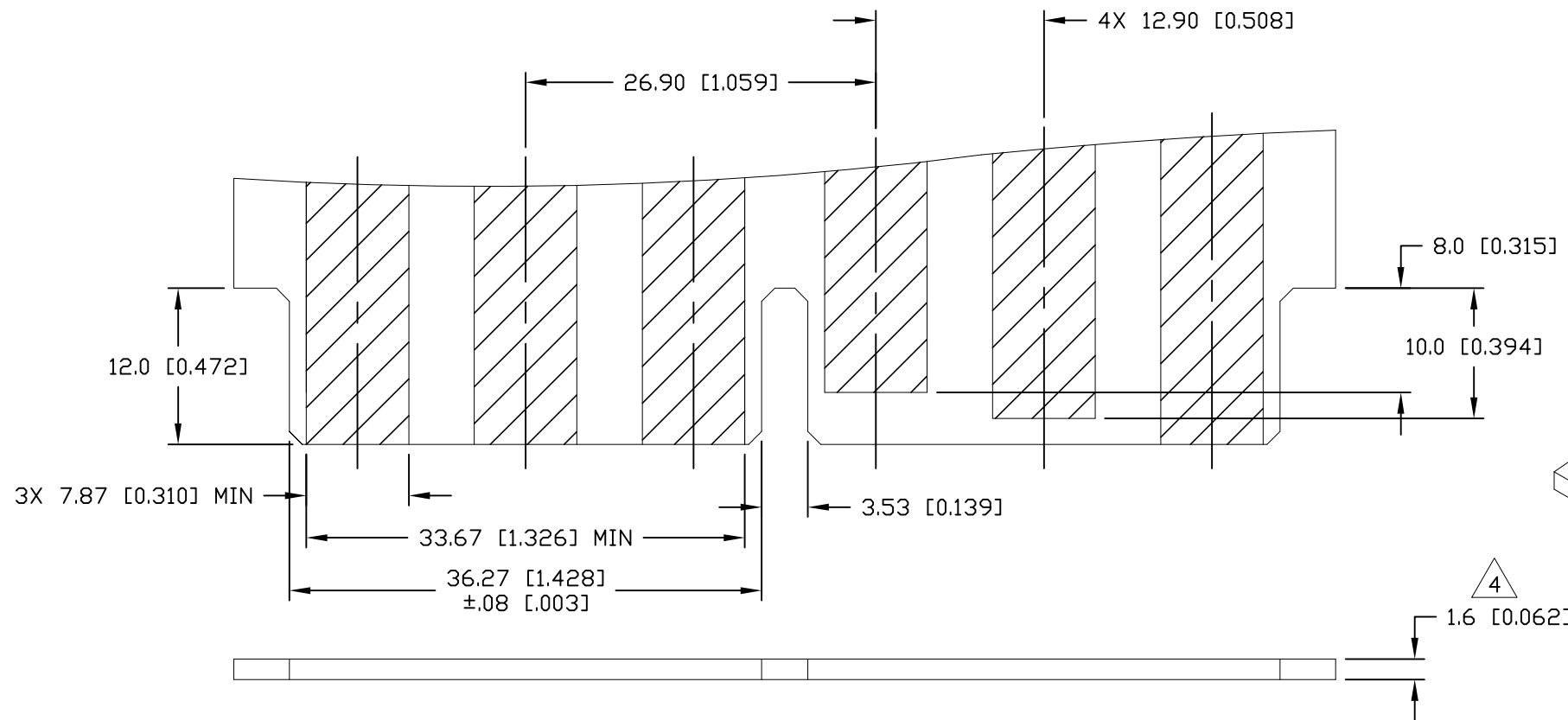
1

LOC —	DIST —	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—

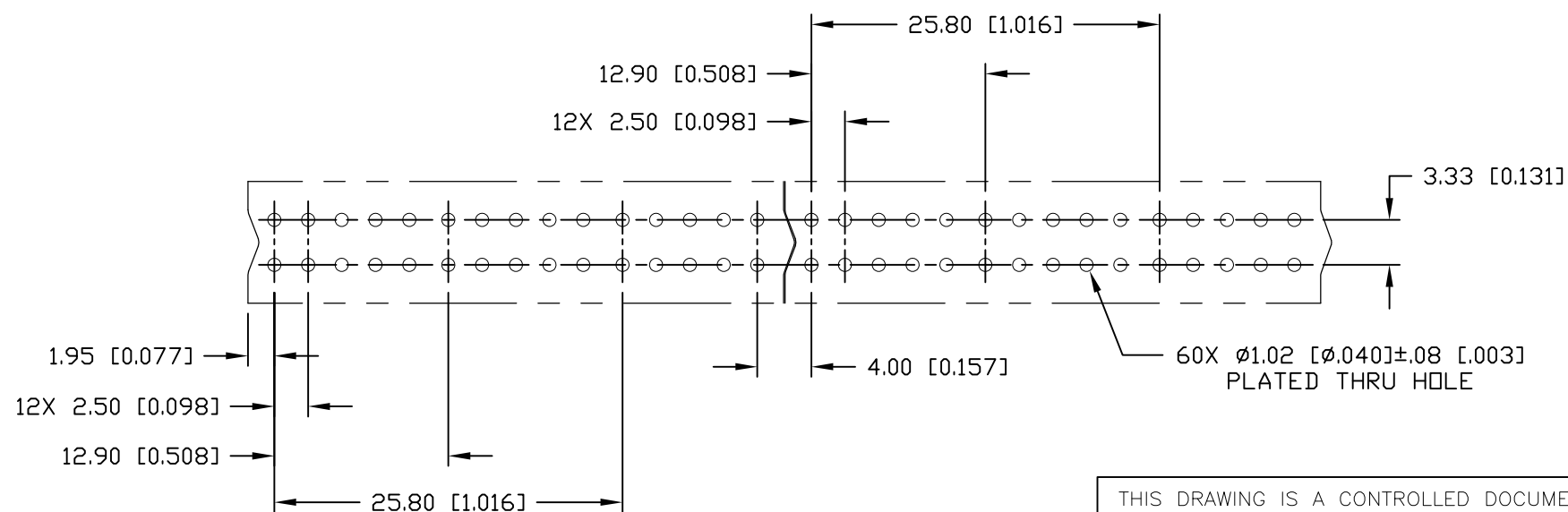


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. F. A.	01/05/05		 TE Connectivity						
		CHK —	—								
DIMENSIONS: mm[INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. CHAU	01/06/05		NAME SOCKET CONNECTOR, CROWN EDGE 6 POSN PWR, STRAIGHT, COMPLIANT TAILS PN: 286-0052-11301A						
		PRODUCT SPEC —									
	0 PLC ± — 1 PLC ± 0.5[0.020] 2 PLC ± 0.25[0.010] 3 PLC ± — 4 PLC ± — ANGLES ± 0.5°	APPLICATION SPEC —	—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO			
		WEIGHT —	—		A3	00779	C-6650384	—			
MATERIAL —		FINISH —	CUSTOMER DRAWING						SCALE 2:1	SHEET 3 of 5	REV A1

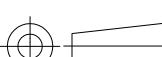
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



6 DOUBLE SIDED P.C.B. CARD



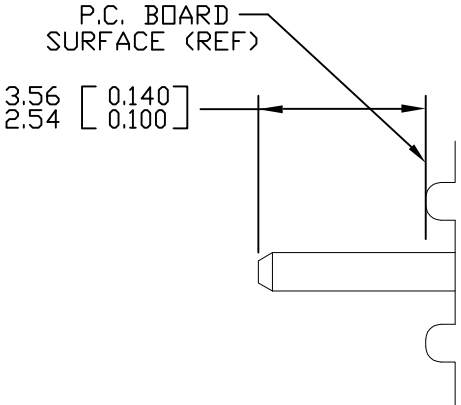
6 RECOMMENDED P.C. BOARD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. F. A.		01/05/05		 TE Connectivity								
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK —		NAME RECOMMENDED PCB LAYOUT PN: 286-0052-12101A/-12301A PN: 286-0052-11301A								
				APVD D. CHAU						01/06/05				
		PRODUCT SPEC —		APPLICATION SPEC —						SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT —								A3		00779		C-6650384
MATERIAL —		FINISH —		CUSTOMER DRAWING						SCALE 2:1	SHEET 4 of 5	REV A1		

4		3		2		1							
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		LOC		DIST		REVISIONS					
© COPYRIGHT — By —		ALL RIGHTS RESERVED.		—		—		P	LTR	DESCRIPTION	DATE	DWN	APVD
									—	SEE SHEET 1	—	—	—

P.C. BOARD SURFACE (REF)

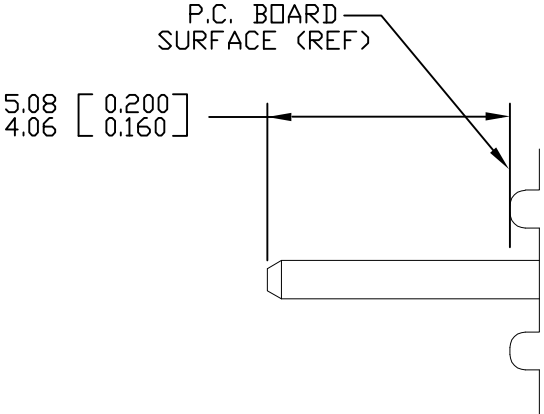
3.56 [0.140]
2.54 [0.100]



SOLDER PIN DETAIL

P.C. BOARD SURFACE (REF)

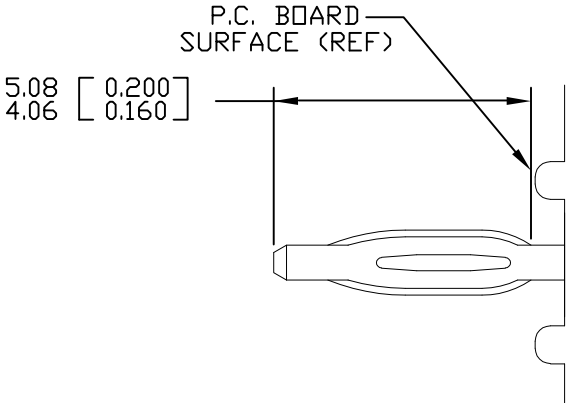
5.08 [0.200]
4.06 [0.160]



SOLDER PIN DETAIL

P.C. BOARD SURFACE (REF)

5.08 [0.200]
4.06 [0.160]



RECOMMENDED PRINTED CIRCUIT HOLE

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)