

LOC		DIST		REVISIONS					
—		—		P	LTR	DESCRIPTION	DATE	DMN	APVD
				A2		OBSOLETED -2	27AUG2024	CZ	YW

8. PART NUMBER INFORMATION

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

OBSOLETE

NOTES: UNLESS OTHERWISE SPECIFIED,

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

INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLDER-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.

SDCKETS ACCEPT 1.6 [.062] ± 10% THK PC BOARD.

EXAMPLE PCB CONFIGURATION.

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.

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

YEAR WEEK

ELCDN PART NO. & REV DATE CODE (e.g. 0505)

XXX-XXXX-XXXX [] XXXX

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN01/05/05R. F. A. -CHK-

DIMENSIONS: mm[INCHES]TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.5[0.020]
2 PLC ± 0.25[0.010]
3 PLC ± -
4 PLC ± - ± 0.5° ANGLES

MATERIAL -

APVD01/06/05D. CHAU
PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

NAME

TE Connectivity

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

SIZEA3

CAGE CODE00779

DRAWING NOG=6650384

RESTRICTED TO

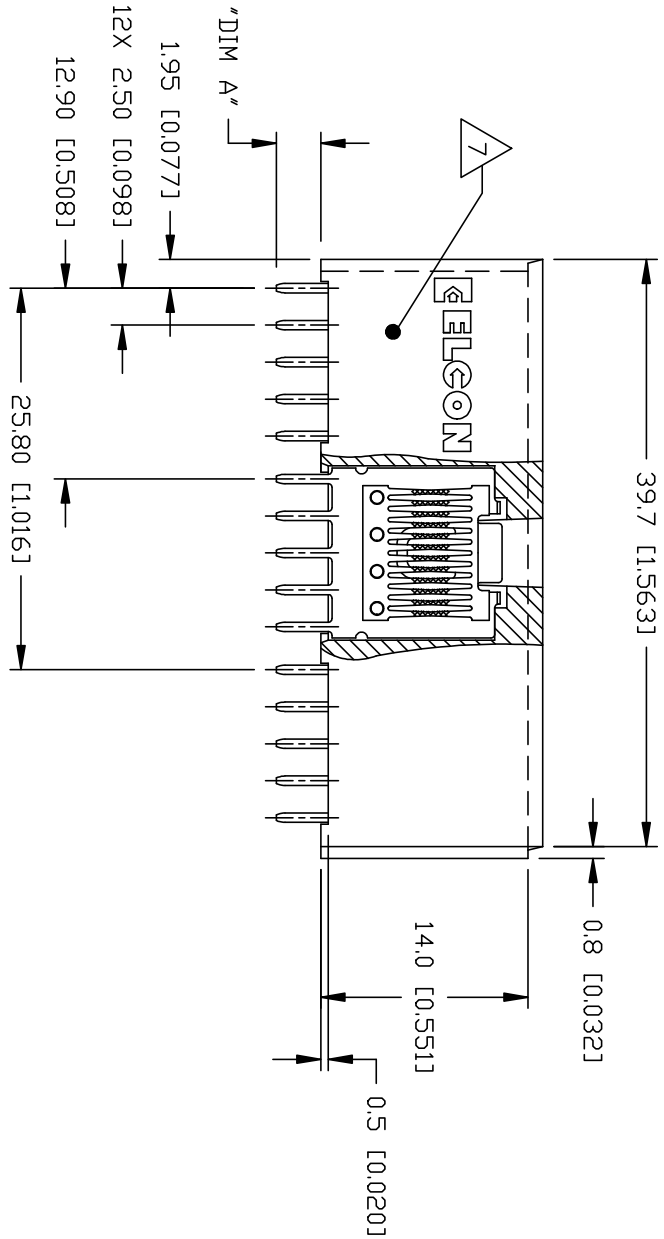
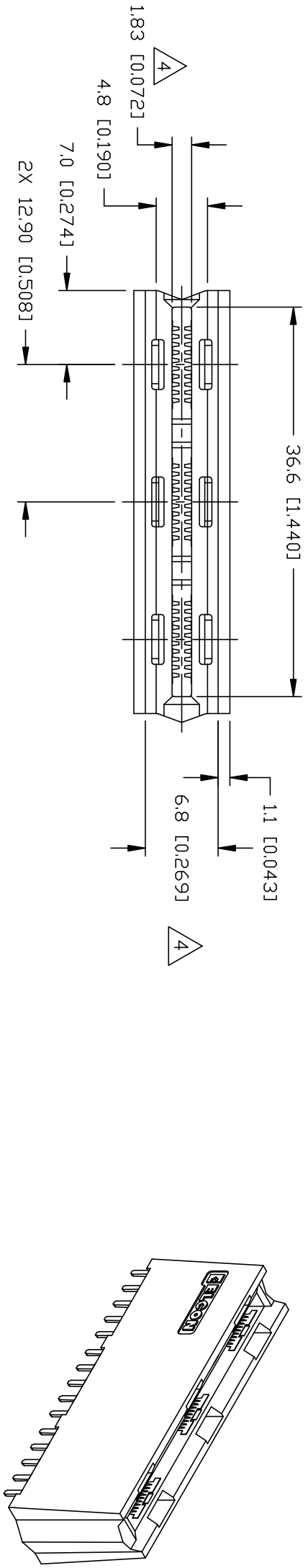
CUSTOMER DRAWING

SCALE2:1

SHEET1 of 5

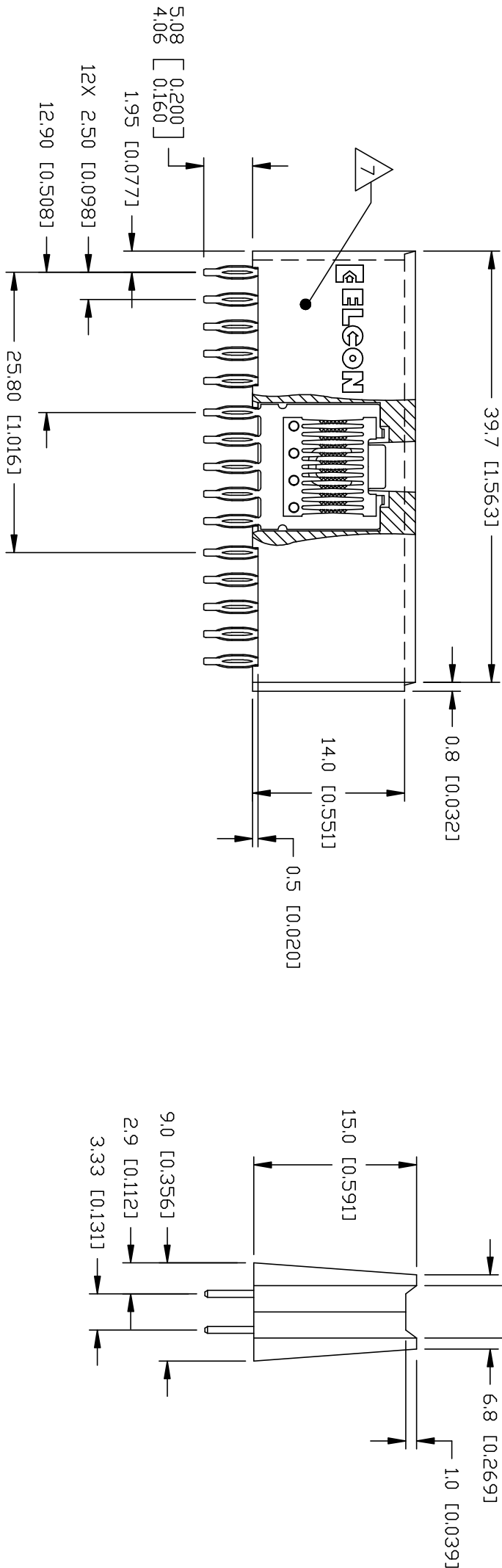
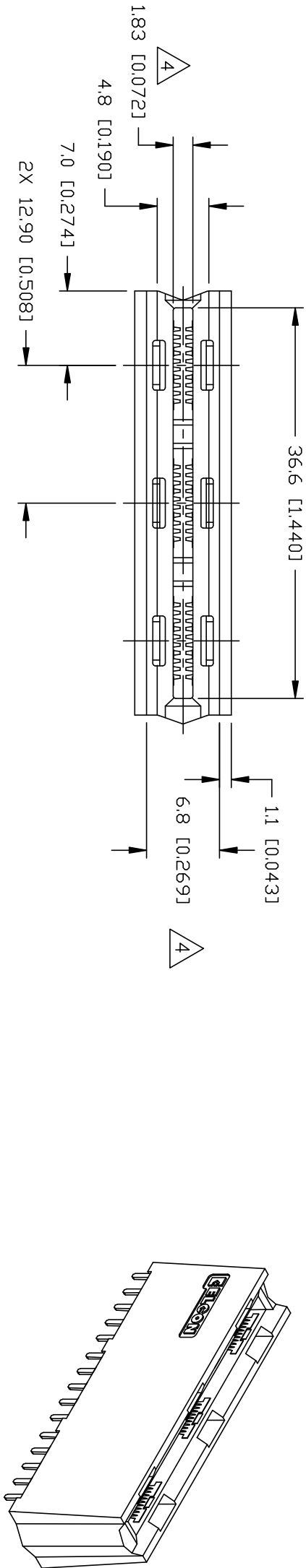
REV A2

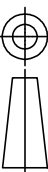
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DMN	APVD
—	—						
			—	SEE SHEET 1	—	—	—



THIS DRAWING IS A CONTROLLED DOCUMENT.				DMN	R. F. A.	01/05/05	TE TE Connectivity			
DIMENSIONS:				CHK		—				
mm[INCHES]				TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME			
				0 PLC			APVD			
				1 PLC			D. CHAU			
				2 PLC			PRODUCT SPEC			
				3 PLC			APPLICATION SPEC			
				4 PLC			WEIGHT			
				FINISH			CUSTOMER DRAWING			

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



THIS DRAWING IS A CONTROLLED DOCUMENT.			DMN 01/05/05		STE TE Connectivity		
R. F. A.			-				
CHK			-				
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 01/06/05		NAME	
		0 PLC ± -		D. CHAU		SOCKET CONNECTOR, CROWN EDGE 6 POSN PWR, STRAIGHT, COMPLIANT TAILS PN: 286-0052-11301A	
		1 PLC ± 0.5[0.020]		PRODUCT SPEC			
		2 PLC ± 0.25[0.010]		-			
		3 PLC ± -		APPLICATION SPEC			
		4 PLC ± -		-			
ANGLES ± 0.5°				WEIGHT -		SIZE	
FINISH -				A3		CAGE CODE	
MATERIAL -				00779		DRAWING NO	
				G-6650384		RESTRICTED TO	
						-	
CUSTOMER DRAWING				SCALE 2:1		SHEET 3 OF 5	
						REV A2	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

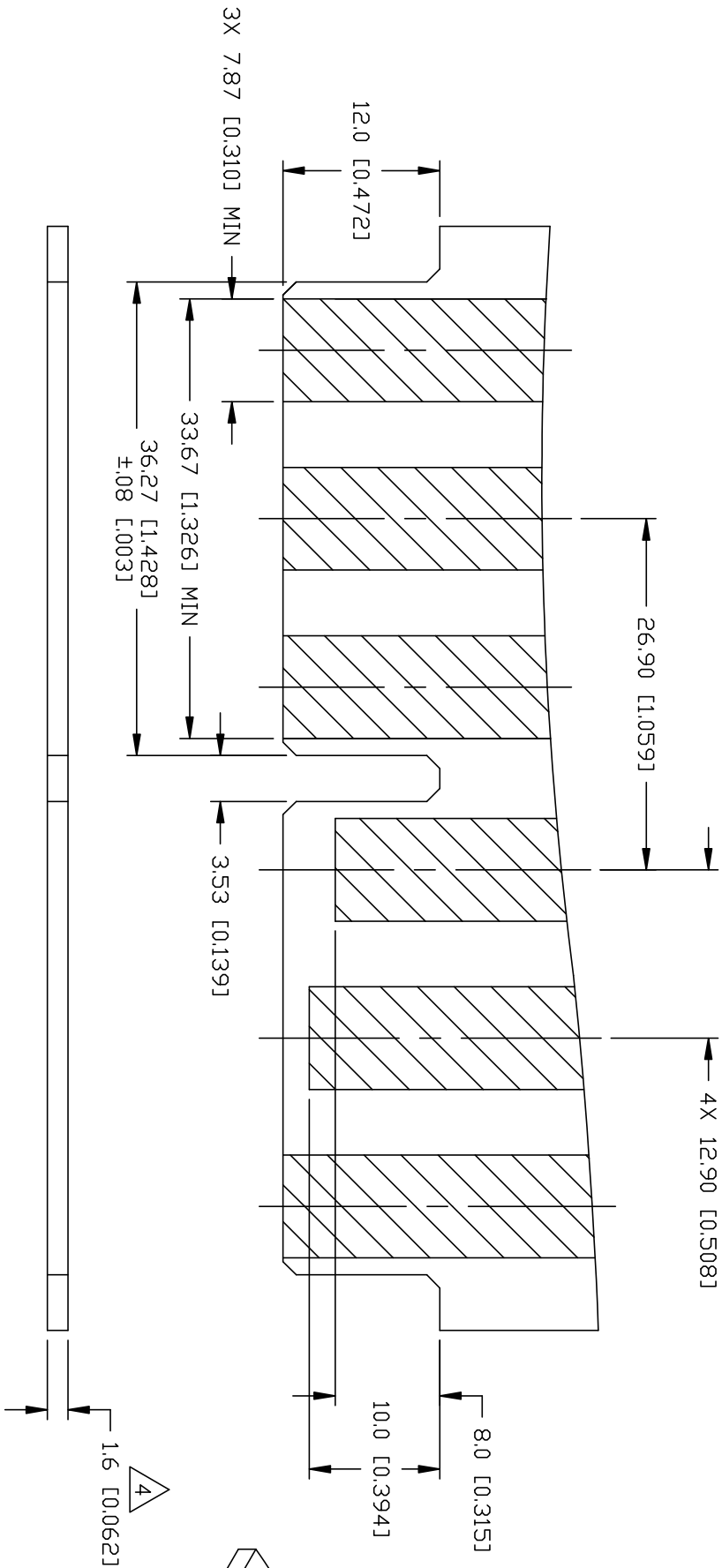
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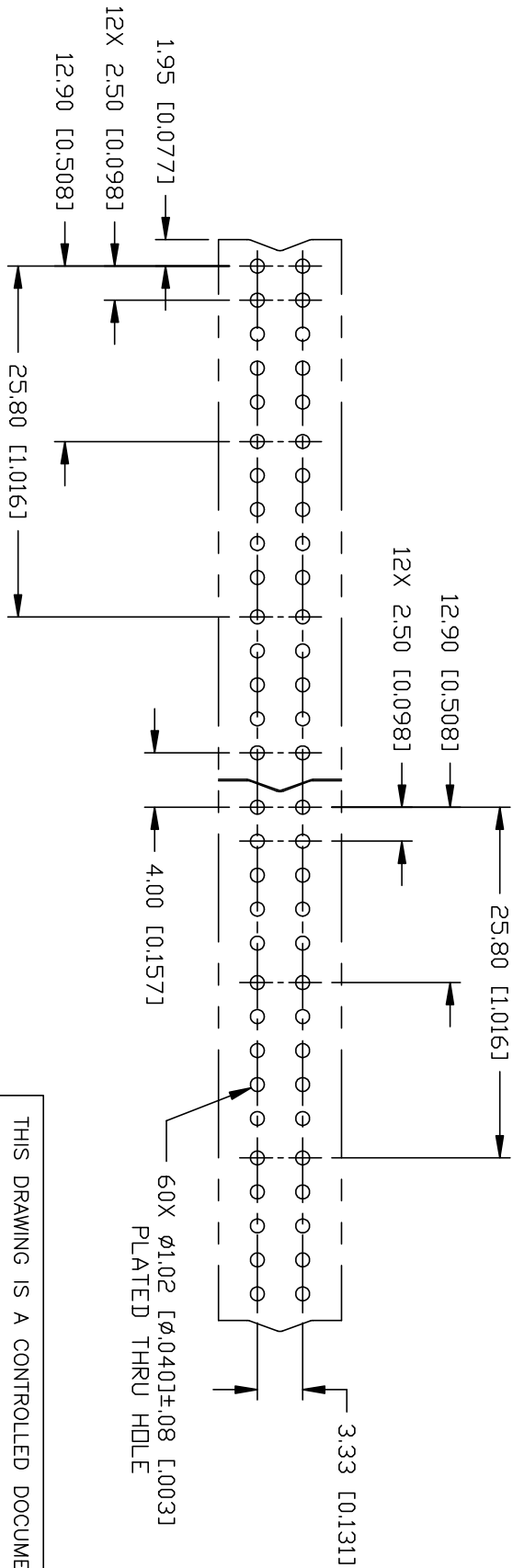
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REVISIONS

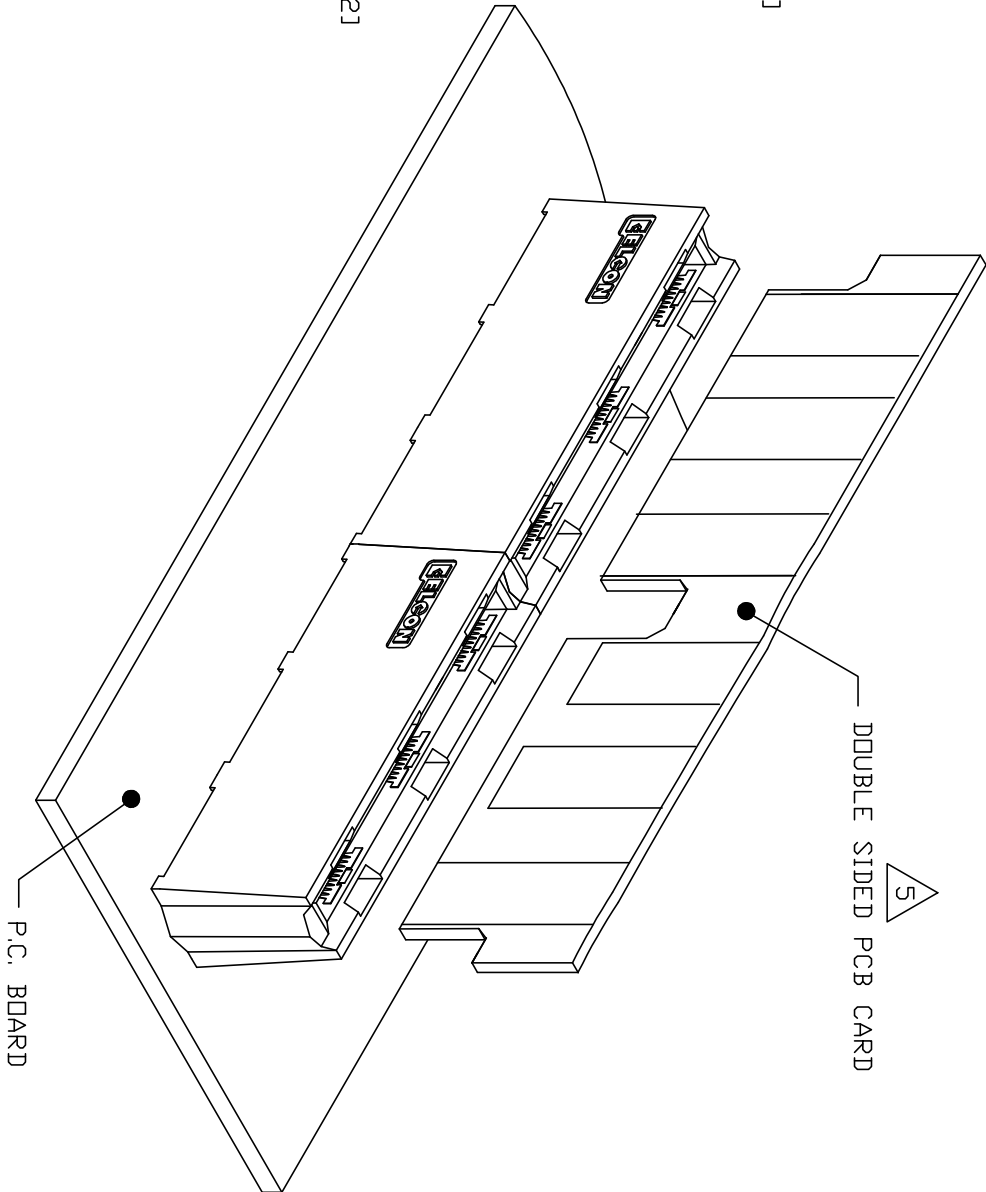
P	LTR	DESCRIPTION	DATE	DMN	APVD
-	SEE SHEET 1		-	-	-



DOUBLE SIDED P.C.B. CARD



RECOMMENDED P.C. BOARD LAYOUT



P.C. BOARD

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN R. F. A. 01/05/05

TE Connectivity

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

APVD D. CHAU 01/06/05

RECOMMENDED PCB LAYOUT



0 PLC ± -
1 PLC ± 0.5[0.020]
2 PLC ± 0.25[0.010]
3 PLC ± -
4 PLC ± -
ANGLES ± 0.5°

APPLICATION SPEC

PN: 286-0052-12101A/-12301A
PN: 286-0052-11301A

MATERIAL

FINISH

WEIGHT

A3 00779 C=6650384

RESTRICTED TO

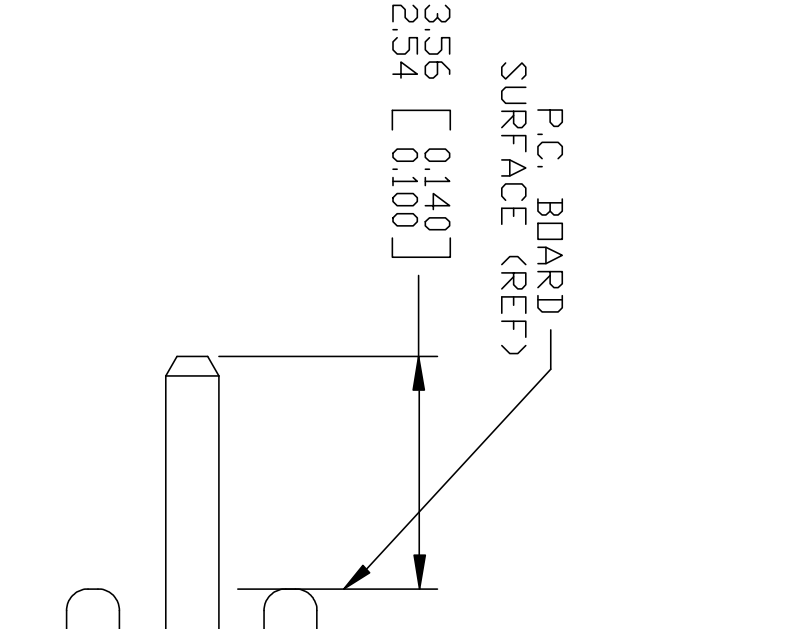
CUSTOMER DRAWING

SCALE 2:1

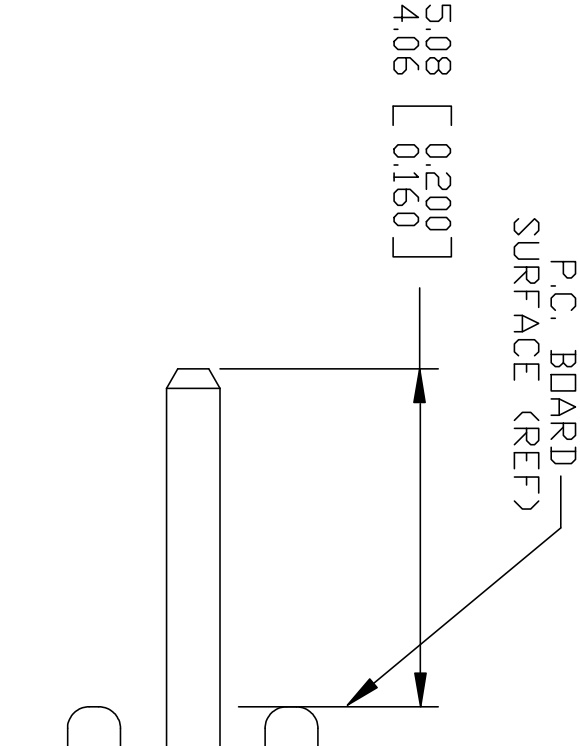
SHEET 4 of 5

REV A2

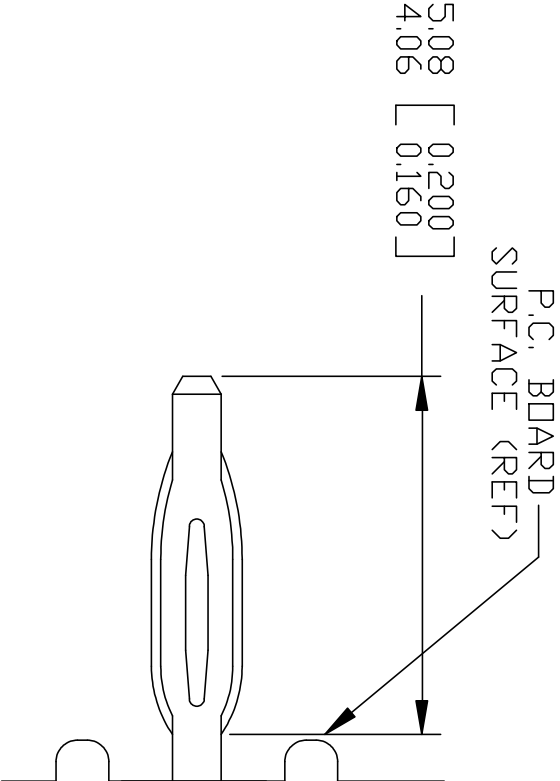
REVISIONS				
LOC	DIST	P	LTR	DESCRIPTION
—	—			
		—		SEE SHEET 1



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: $\phi 1.02$ [0.40] $\pm .08$ [0.003]
DRILLED HOLE: $\phi 1.15$ [0.453] $\pm .013$ [0.0005]
COPPER PLATE: .025 [0.010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. F. A.	01/05/05				
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		APVD D. CHAU	01/06/05	SOCKET CONNECTOR, CROWN EDGE			
		PRODUCT SPEC		USER INFORMATION			
		APPLICATION SPEC		SOLDER & COMPLIANT TAILS TERMINATION			
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-		-		A3	00779	6650384	-
CUSTOMER DRAWING				SCALE	2:1	SHEET	5 OF 5
				REV	A2		

