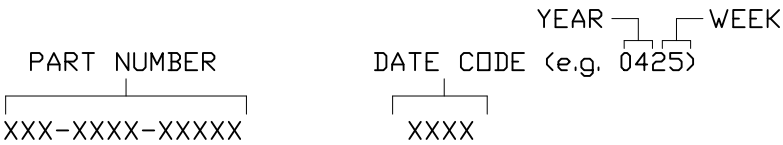


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED AS PER ECR-25-247583	07AUG2025	PK	VNB

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



7. RECOMMENDED PRESSING TOOL:
FIX00058 FOR PART NUMBER 285-0112-01300.
CONTACT ELCON FOR TOOLING QUOTE OR TO ORDER.

6. EXAMPLE PCB CONFIGURATION.

5. THIS 2X2 SEGMENT POWER AND SIGNAL 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 8.0" IN LENGTH.

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

3. FINISHES:

CONTACTS: SELECTIVE GOLD .000030" MIN THK
OVER NICKEL .000040" MIN THK.
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	TYCO PART NUMBER	TERMINATION TYPE	PC TAIL LENGTH DIM "A"	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	6643460-1	SOLDER TAIL (SHORT)	3.56 [.140] 2.54 [.100]	1.6 [.062] THICK	1.6 [.062] THICK
SOCKET	6643460-2	SOLDER TAIL (STANDARD)	5.08 [.200] 4.06 [.160]	3.2 [.125] OR THINNER	1.6 [.062] THICK
SOCKET	6643460-3	COMPLIANT TAIL	5.08 [.200] 4.06 [.160]	2.3 [.093] OR THICKER	1.6 [.062] THICK

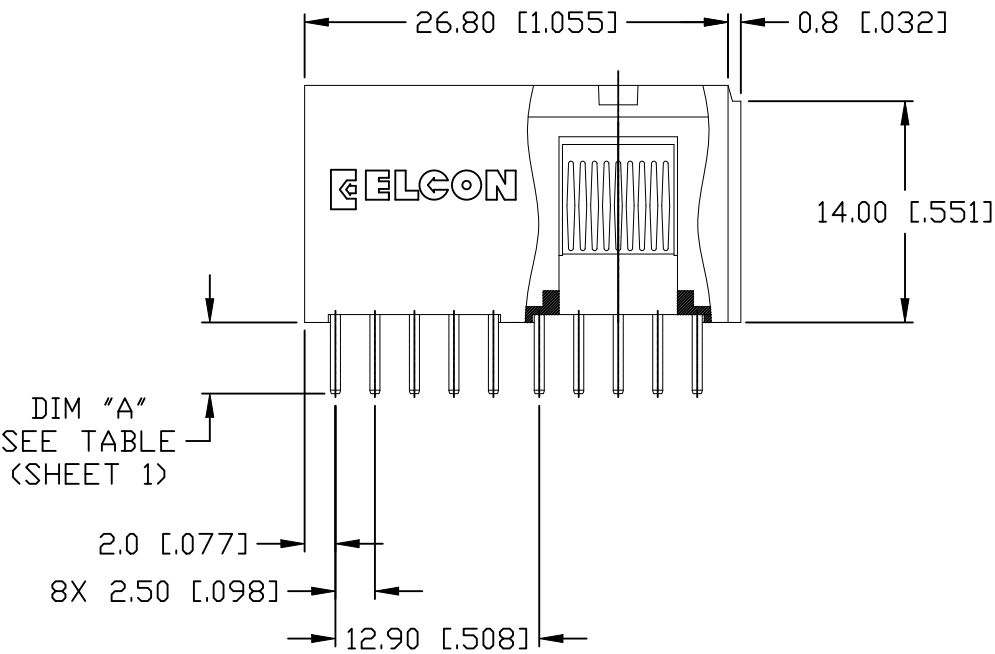
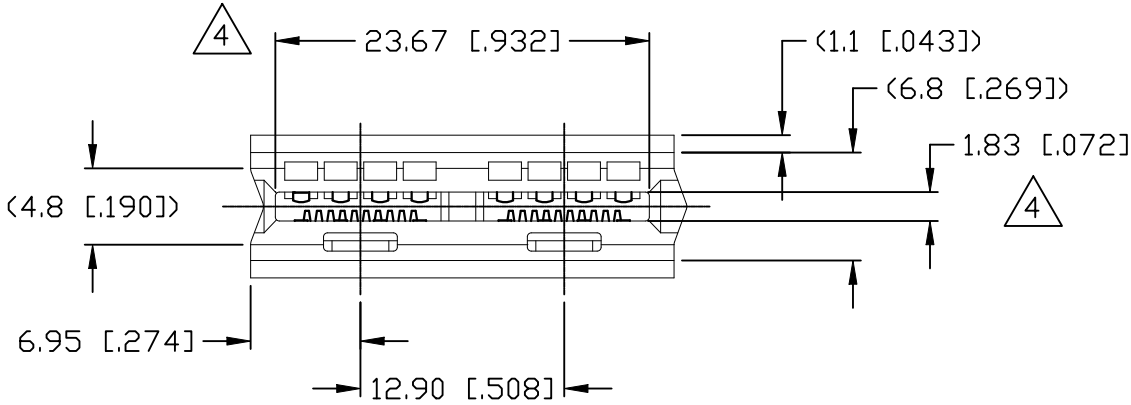
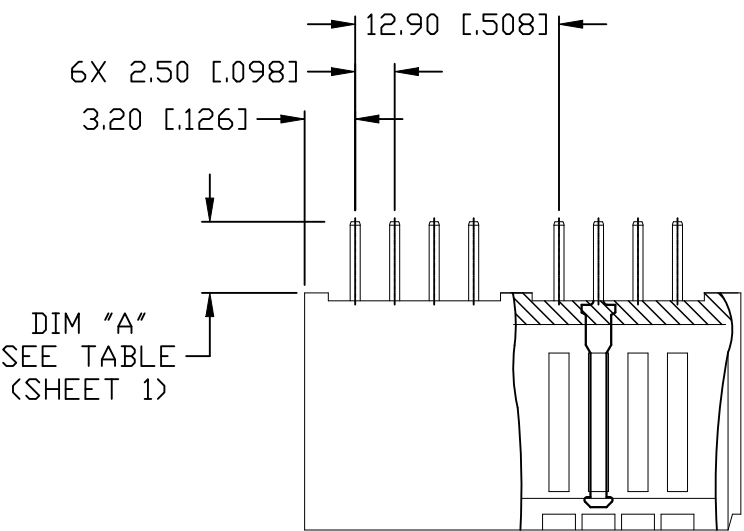
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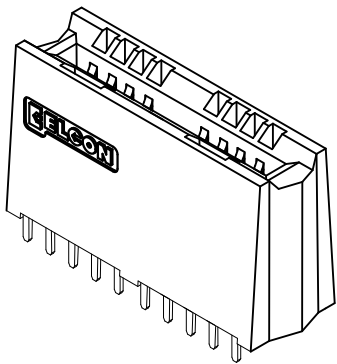
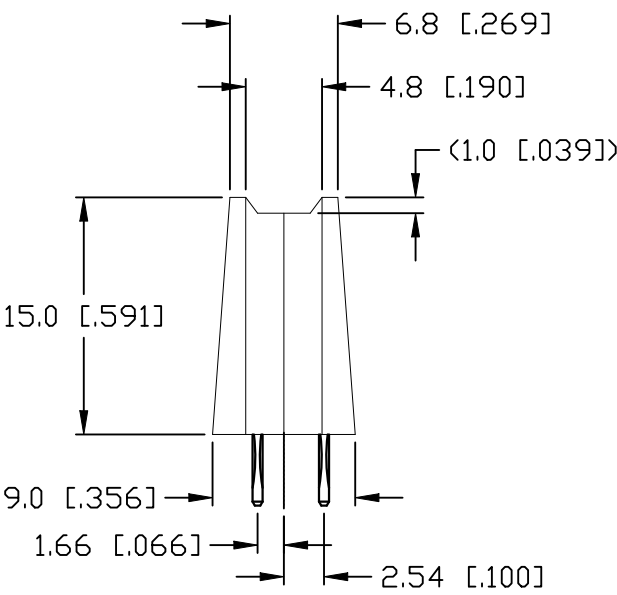
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	0 PLC ± - 1 PLC ± .5 [.010] 2 PLC ± .25 [.020] 3 PLC ± - 4 PLC ± - ANGLES ± .5
MATERIAL -	FINISH -

DWN G.PETERS 04JAN2007	TE Connectivity Ltd.			
CHK D.ORRIS 04JAN2007				
APVD S.FLICKINGER 04JAN2007	NAME			
PRODUCT SPEC -	SOCKET CONNECTOR, CROWN EDGE -			
APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-6643460	RESTRICTED TO -
WEIGHT 0	CUSTOMER DRAWING			
SCALE 1:1		SHEET 1 of 6		REV B1

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

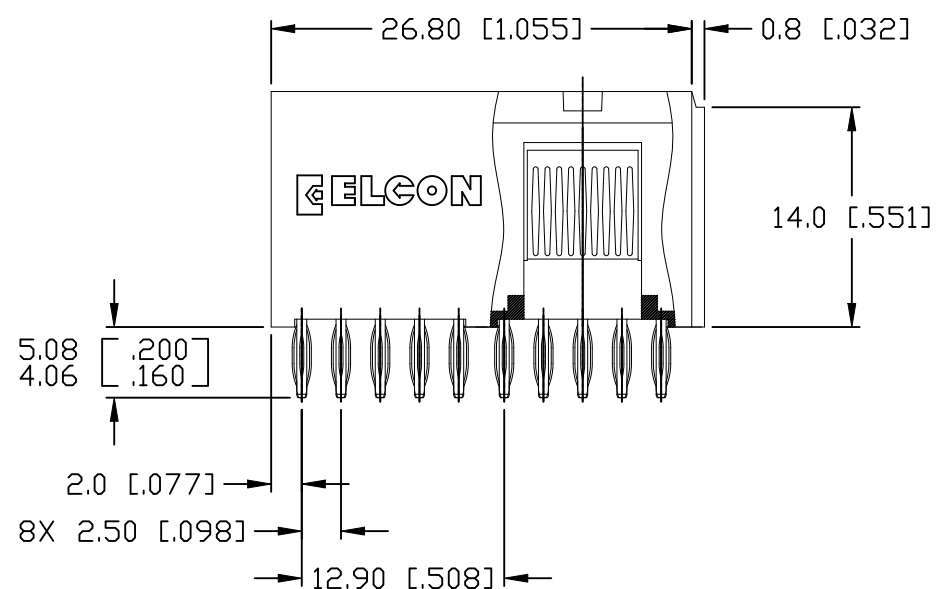
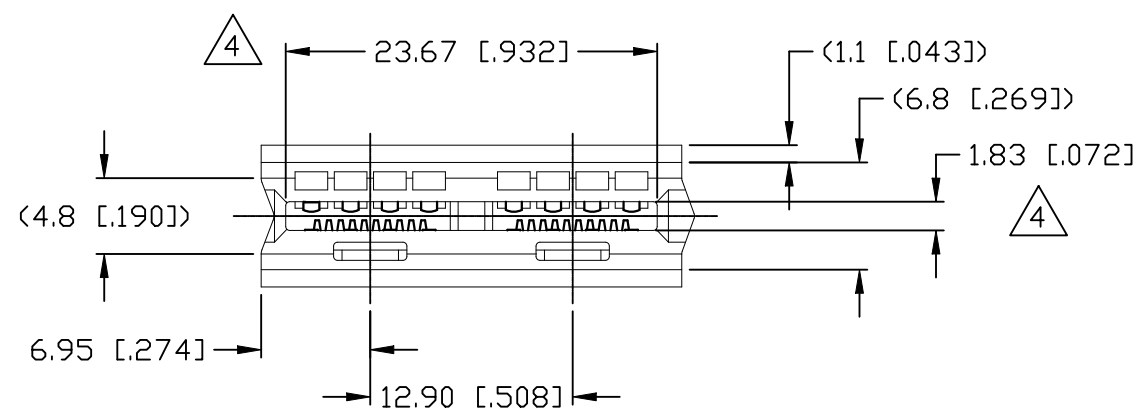
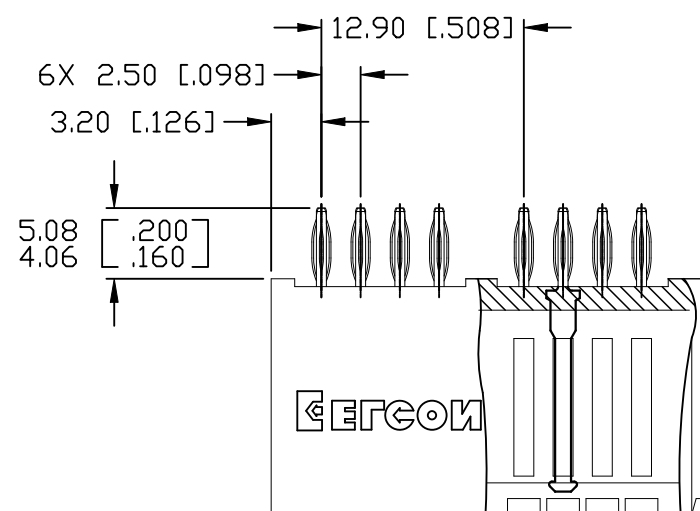


VIEW SHOWN (SOLDER TAILS)
P/N'S 6643460-1 & -2

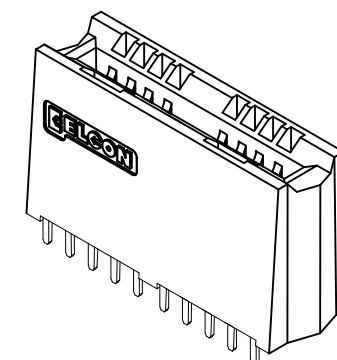
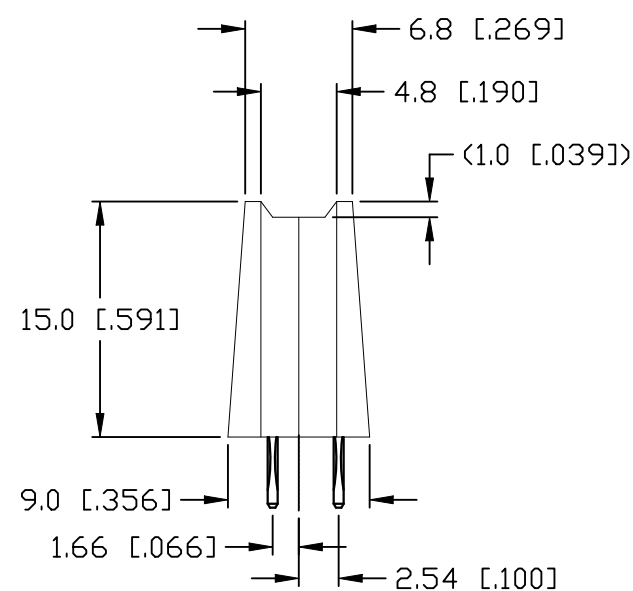


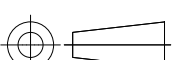
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.PETERS	04JAN2007	 TE Connectivity Ltd.	
		CHK D.ORRIS	04JAN2007		
		APVD S.FLICKINGER	04JAN2007	NAME SOCKET CONNECTOR, CROWN EDGE	
		PRODUCT SPEC —			
		APPLICATION SPEC —			
		WEIGHT —		SIZE A3	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C-6643460	RESTRICTED TO —
		SCALE 1:1		SHEET 2 OF 6	REV B1

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



VIEW SHOWN (COMPLIANT TAILS)
P/N'S 6643460-3



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.PETERS		 TE Connectivity Ltd.	
		CHK D.ORRIS			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APVD S.FLICKINGER		SOCKET CONNECTOR, CROWN EDGE —	
		PRODUCT SPEC —			
		APPLICATION SPEC —		SIZE	RESTRICTED TO
MATERIAL —		FINISH —		CAGE CODE A300779	DRAWING NO C-6643460
		WEIGHT —		SCALE 1:1	SHEET 3 OF 6
CUSTOMER DRAWING				REV B1	

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

D

D

C

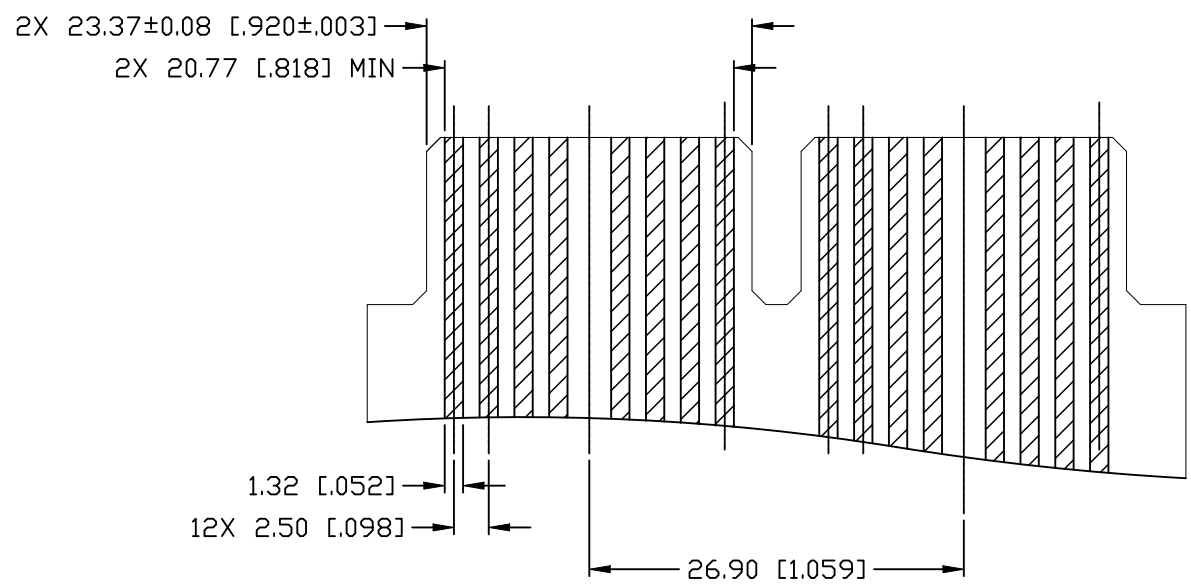
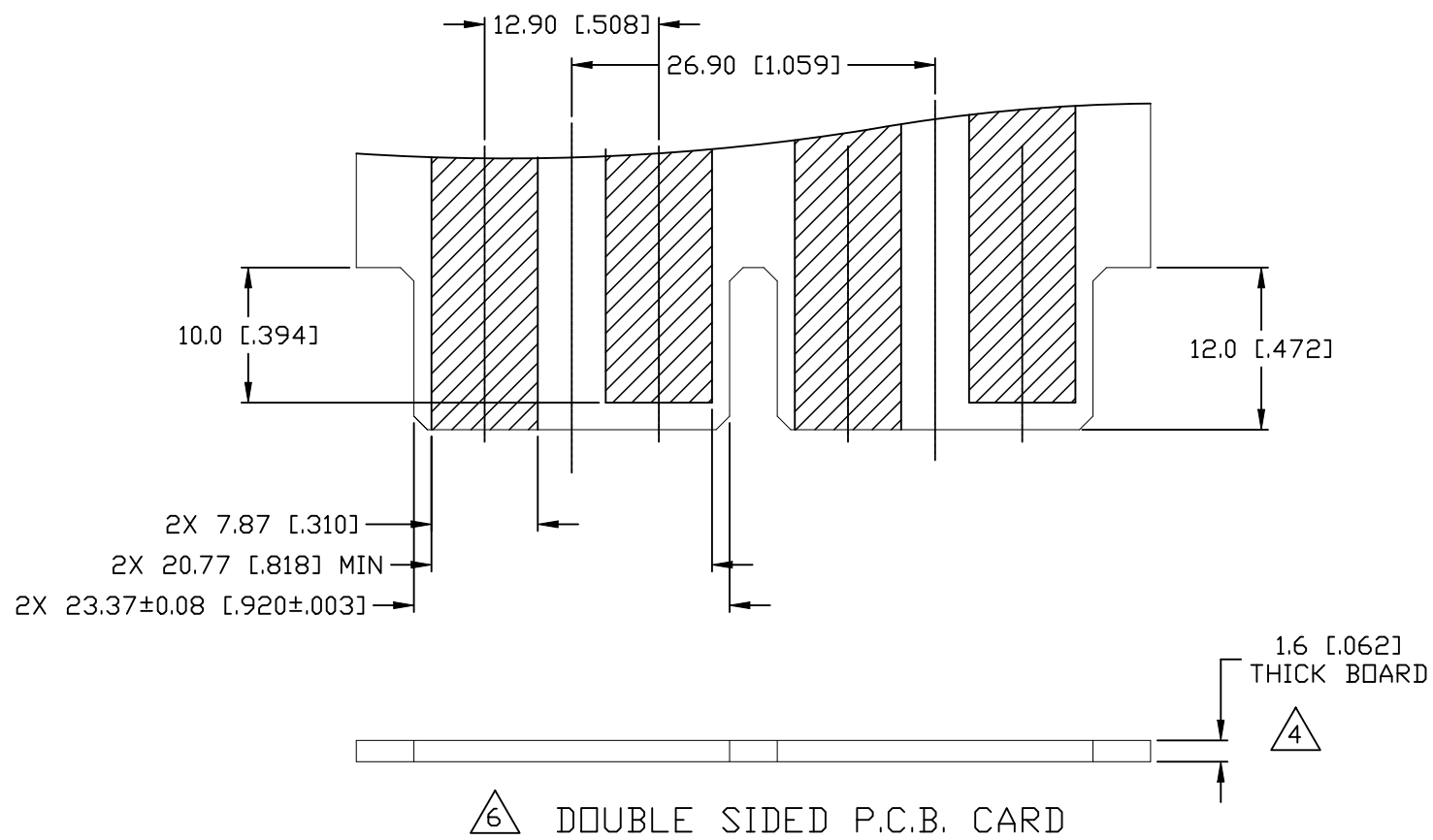
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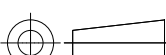
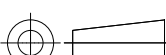
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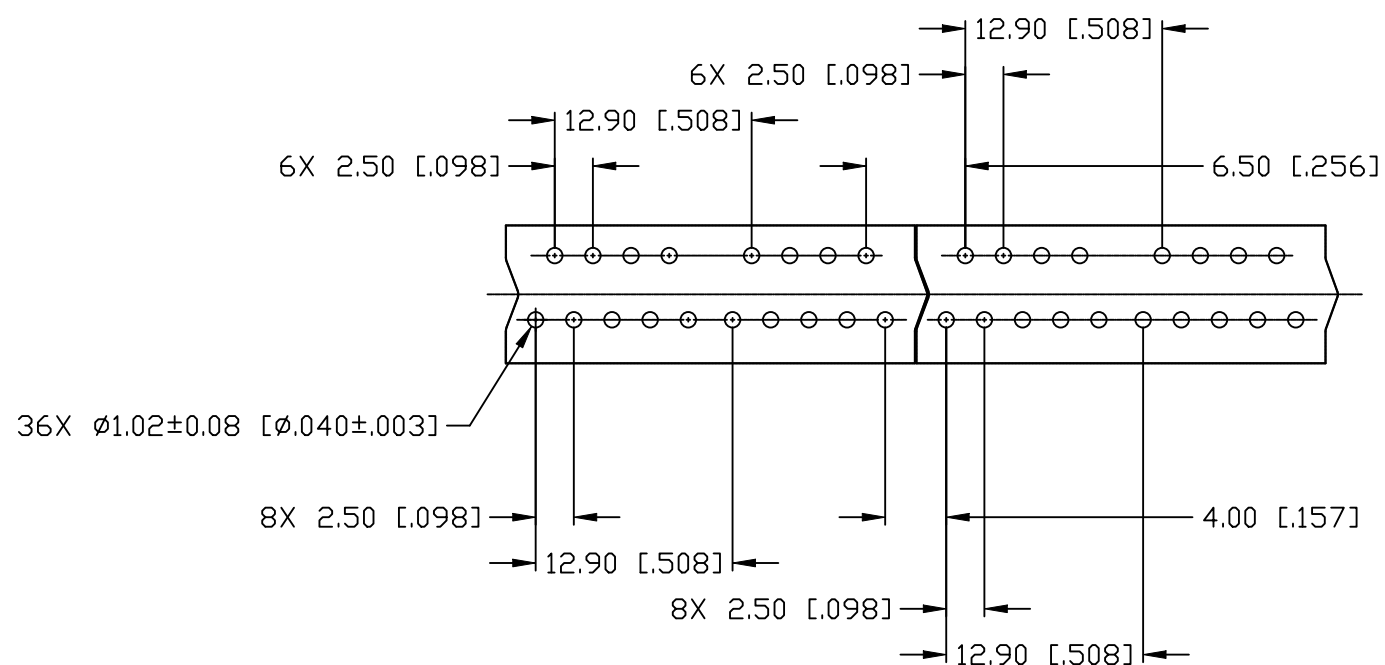
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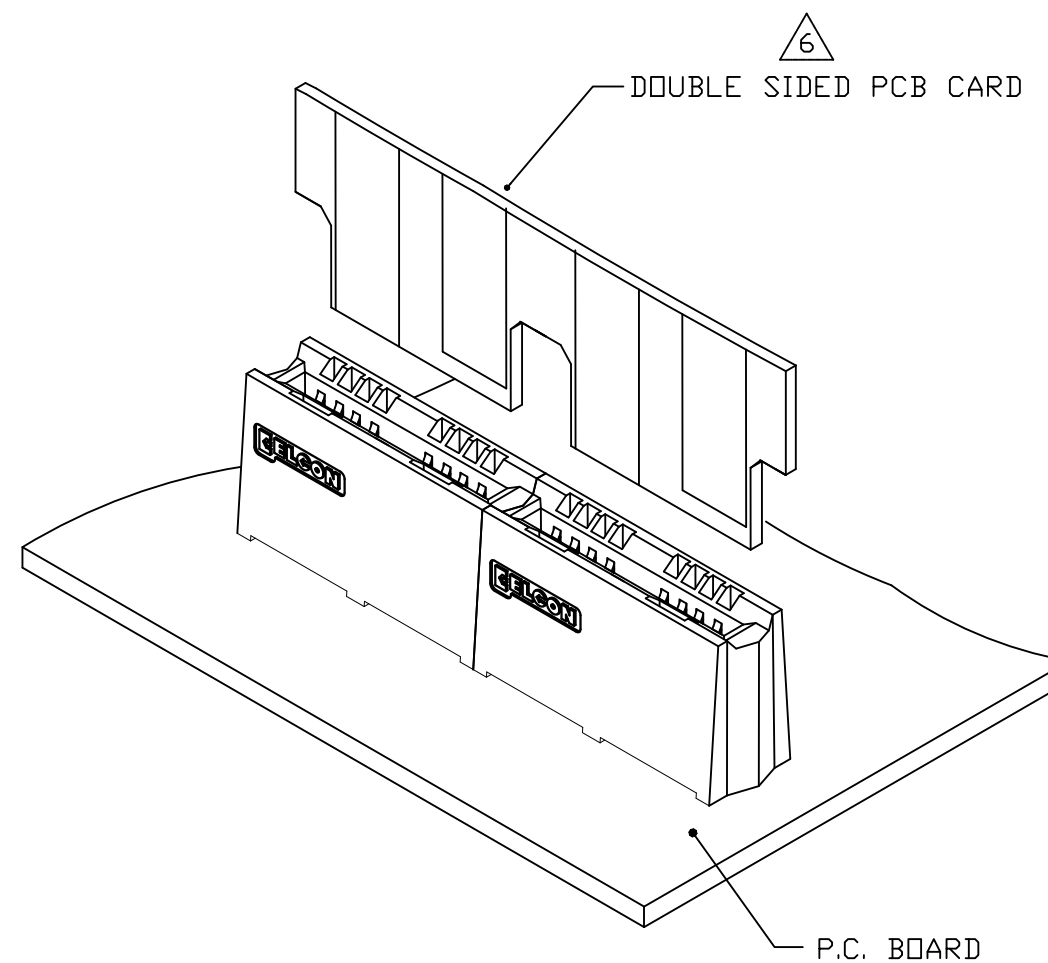


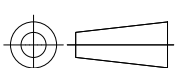
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.PETERS	04JAN2007	 TE Connectivity Ltd.		
		CHK D.ORRIS	04JAN2007			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SOCKET CONNECTOR, CROWN EDGE —		
		0 PLC ± —				
		1 PLC ± .5 [.010]				
		2 PLC ± .25 [.020]				
		3 PLC ± —				
		4 PLC ± —				
		ANGLES ± .5				
MATERIAL —		FINISH —		RESTRICTED TO		
		WEIGHT —		—		
CUSTOMER DRAWING				SIZE A3	CAGE CODE 00779	DRAWING NO C-6643460
				SCALE 1:1	SHEET 4 of 6	REV B1

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

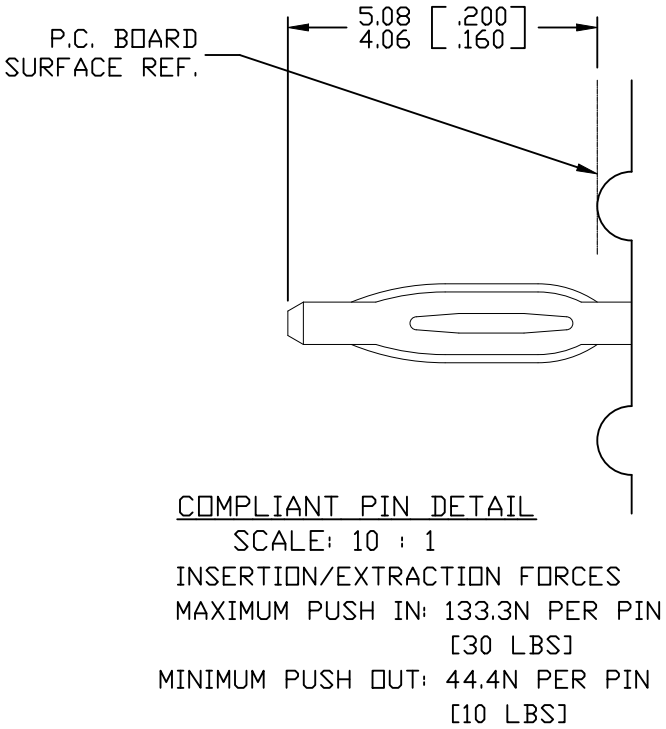
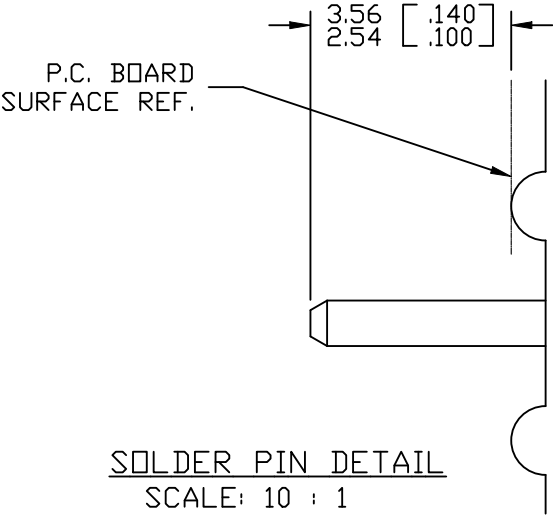
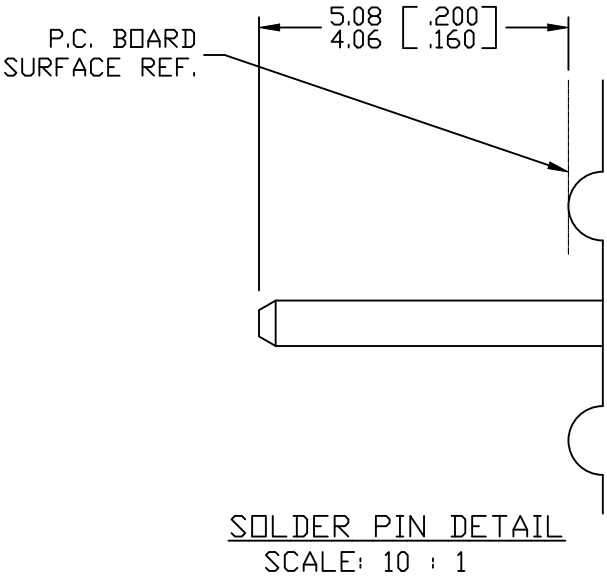


5 RECOMMENDED P.C. BOARD LAYOUT

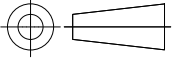


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.PETERS 04JAN2007		TE Connectivity Ltd.		
		CHK D.ORRIS 04JAN2007				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SOCKET CONNECTOR, CROWN EDGE —		
		0 PLC ± — 1 PLC ± .5 [.010] 2 PLC ± .25 [.020] 3 PLC ± — 4 PLC ± — ANGLES ± .5				
MATERIAL —		FINISH —		SIZE A3		
		WEIGHT —		CAGE CODE 00779		
		CUSTOMER DRAWING		DRAWING NO C-6643460		
				RESTRICTED T —		
				SCALE 1:1		
				SHEET 5 of 6		
				REV B1		

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



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)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.PETERS	04JAN2007	 TE Connectivity Ltd.		
		CHK D.ORRIS	04JAN2007			
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± .5 [.010] 2 PLC ± .25 [.020] 3 PLC ± — 4 PLC ± — ANGLES ± .5	APVD S.FLICKINGER	04JAN2007	NAME SOCKET CONNECTOR, CROWN EDGE		
		PRODUCT SPEC —		—		
		APPLICATION SPEC —		SIZE A3	CAGE CODE 00779	DRAWING NO C-6643460
MATERIAL —	FINISH —	WEIGHT —		RESTRICTED TO —		
		CUSTOMER DRAWING		SCALE 1:1	SHEET 6 OF 6	REV B1