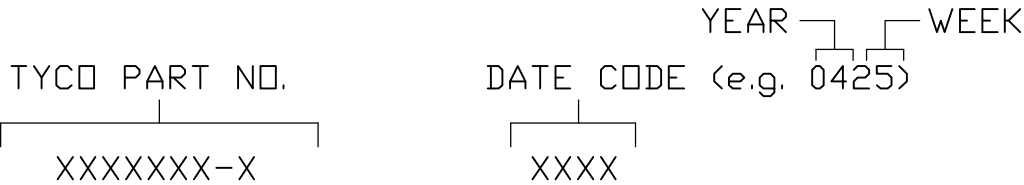


LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	APVD
			A	RELEASED	24MAY06	SF

9. RECOMMENDED MOUNTING PCB 2.3 [.093] MIN THK.
8. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



7. RECOMMENDED PRESSING TOOL:
FIX00001 FOR PART NUMBER 6650494-1.
CONTACT TYCO FOR TOOLING DRAWINGS.

6. EXAMPLE PCB CONFIGURATION.
5. THIS CONFIGURATION WITH 3 SEGMENT POWER CONNECTOR (PN 6650383-X) 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 .000030" MIN THK. OVER NICKEL .000040" MIN THK.
- TERMINALS: TIN .000100" MIN THK. OVER NICKEL .000040" MIN. THICK.

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 TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	24MAY06	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK S.FLICKINGER	24MAY06		
		APVD S.FLICKINGER	24MAY06	NAME	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SOCKET CONNECTOR, CROWNEDGE STRAIGHT, 3 SEGMENTS, 16 SIGNAL, COMPLIANT	
		PRODUCT SPEC		SIZE	
		—		CAGE CODE	
		APPLICATION SPEC		DRAWING NO	
		—		RESTRICTED TO	
MATERIAL		FINISH		A300779	
—		—		©=6650494	
CUSTOMER DRAWING				SCALE	SHEET
				2:1	1 OF 4
				REV	A

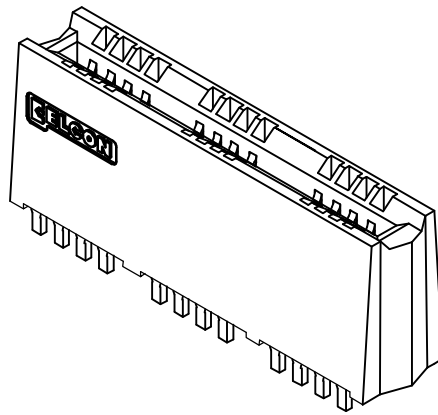
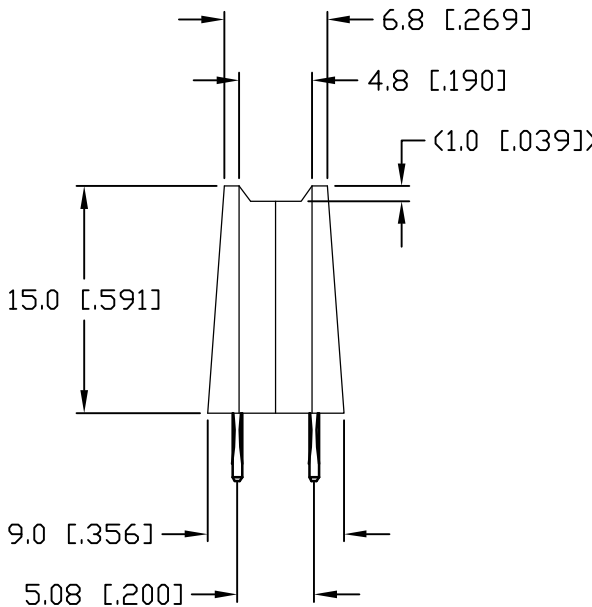
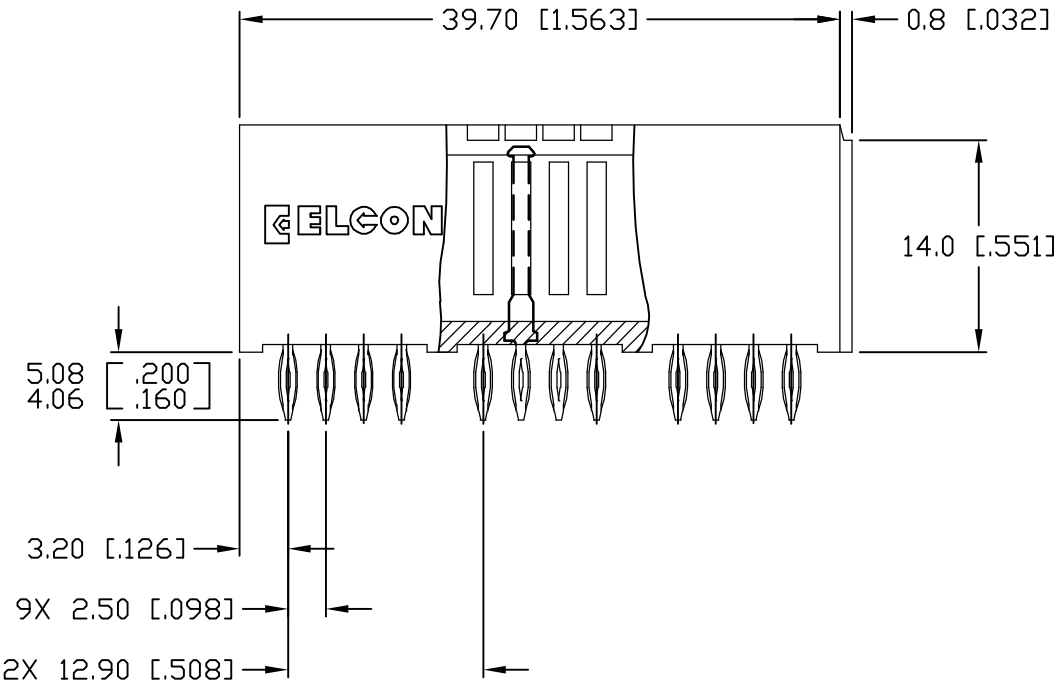
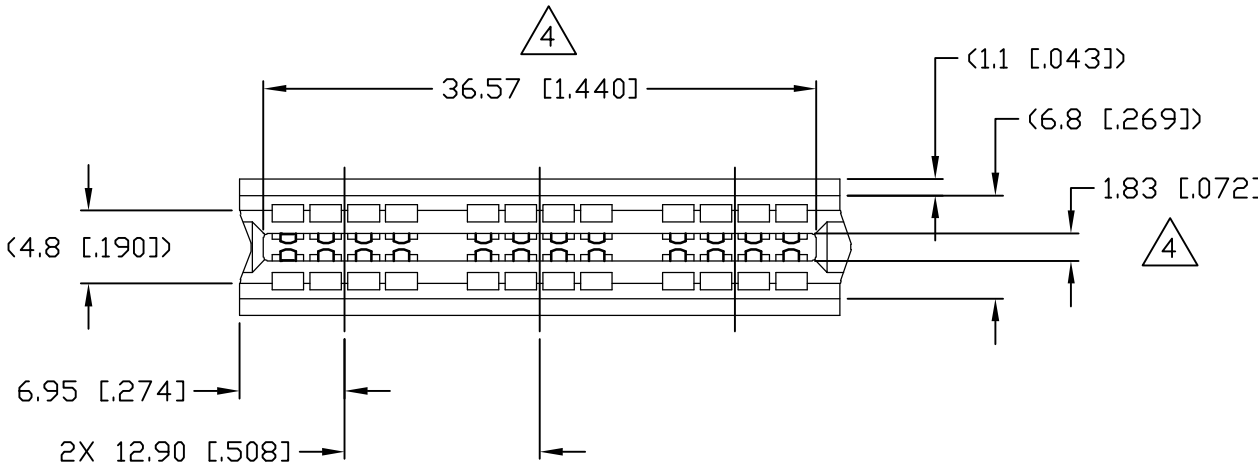
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2

1

LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	APVD
			—	SEE SHEET 1	—	—



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	24MAY06	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608		
		CHK S.FLICKINGER	24MAY06			
		APVD S.FLICKINGER	24MAY06	NAME SOCKET CONNECTOR, CROWNEDGE STRAIGHT, 3 SEGMENTS, 16 SIGNAL, COMPLIANT		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A3		
				CAGE CODE 00779		
				DRAWING NO C-6650494		
				RESTRICTED TO —		
MATERIAL —		FINISH —		SCALE 2:1		
				SHEET 2 OF 4		
				REV A		
				CUSTOMER DRAWING		

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

GP

00

P

LTR

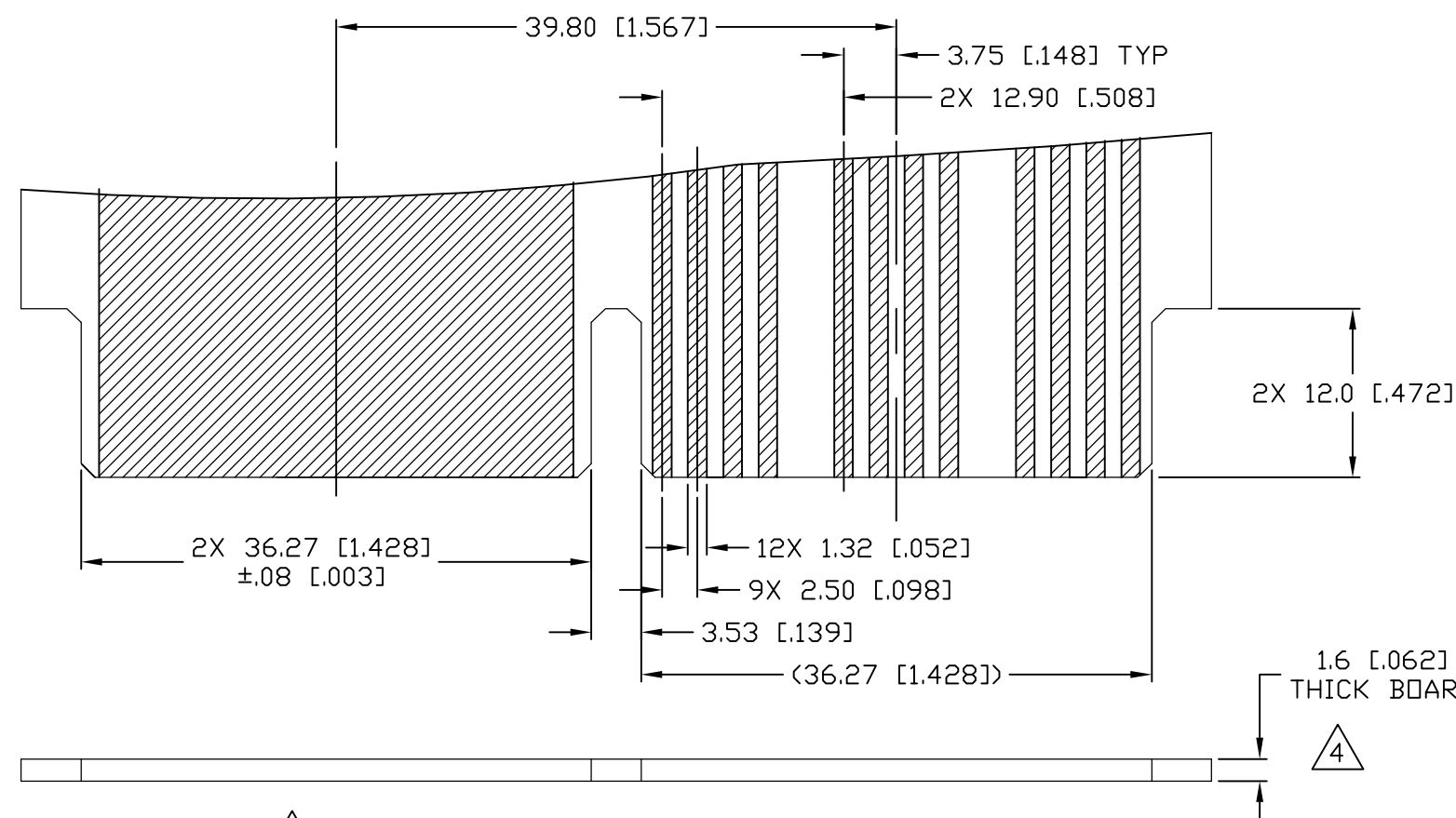
DESCRIPTION

DATE

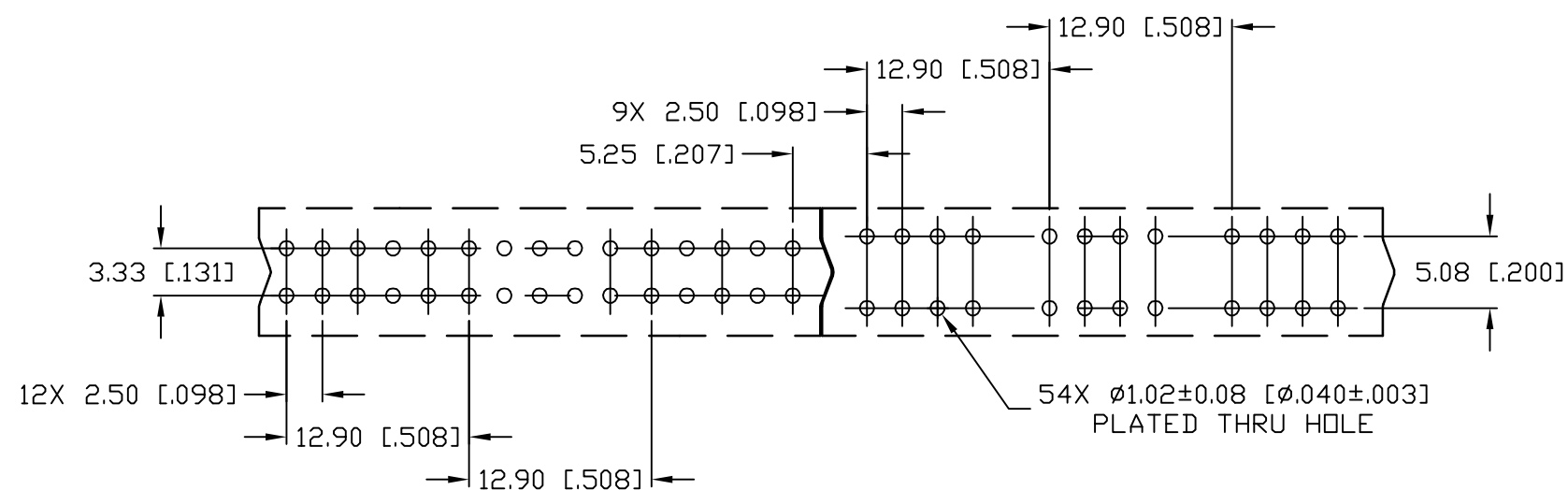
DWN

APVD

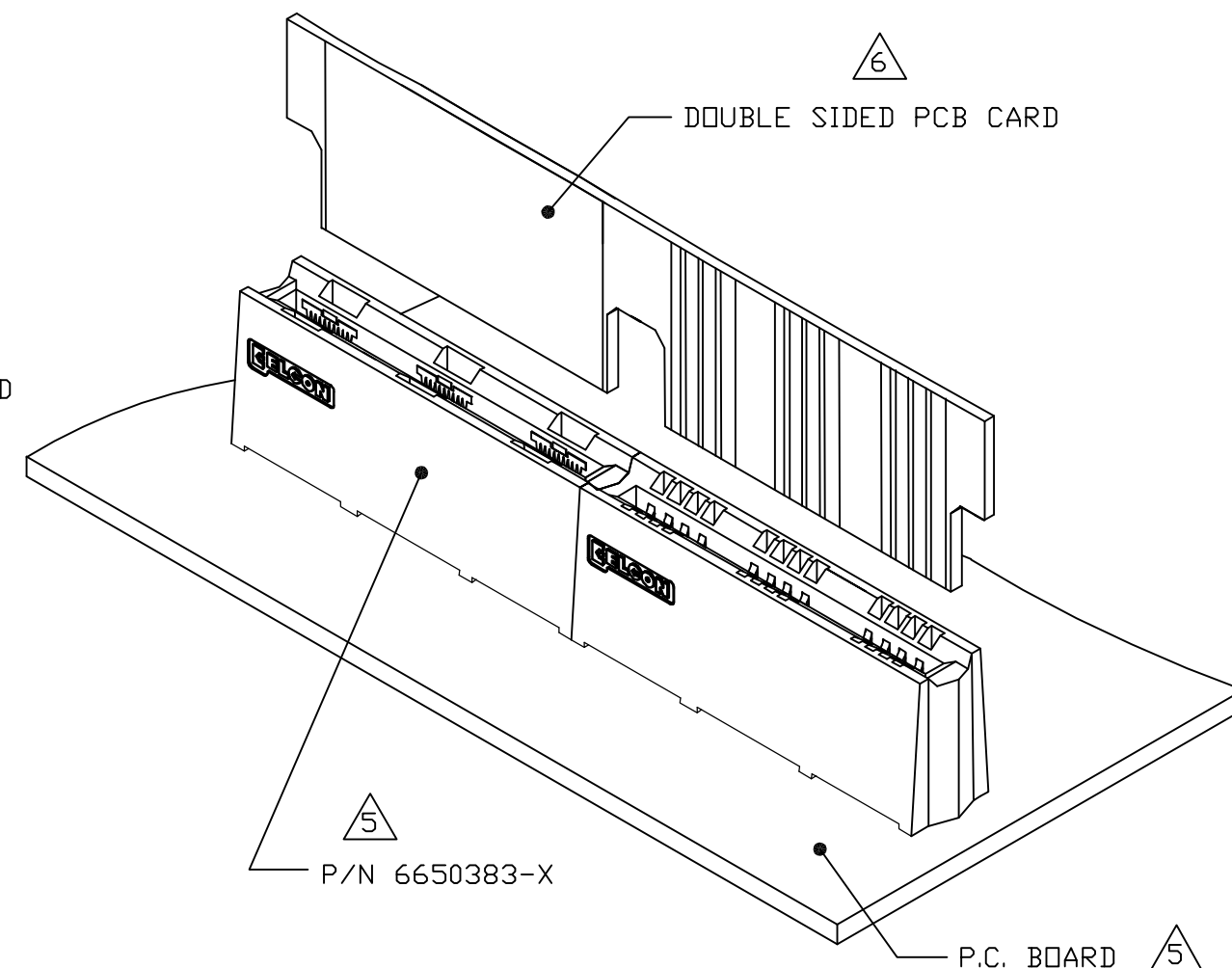
SEE SHEET 1



△6 DOUBLE SIDED P.C.B. CARD



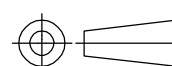
△5 RECOMMENDED P.C. BOARD LAYOUT



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

FINISH

DWN

R.GRZYBOWSKI

24MAY06

CHK

S.FLICKINGER

24MAY06

APVD

S.FLICKINGER

24MAY06

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

tyco
Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

SOCKET CONNECTOR, CROWNEDGE
STRAIGHT, 3 SEGMENTS,
16 SIGNAL, COMPLIANT

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3 00779

C-6650494

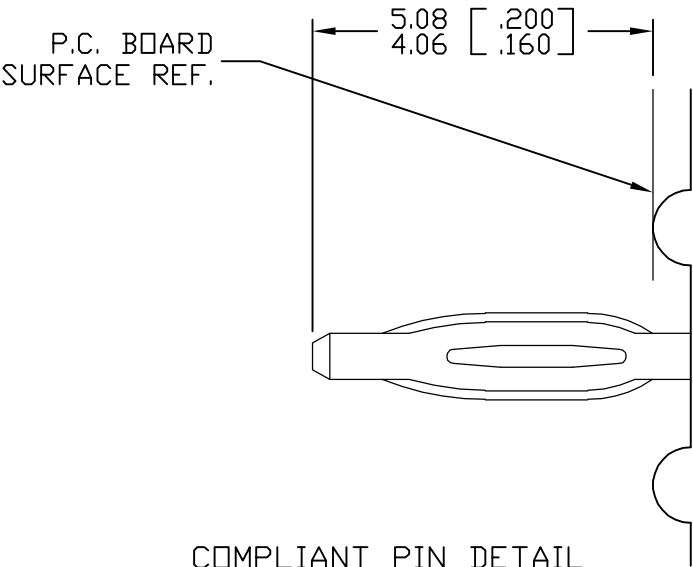
CUSTOMER DRAWING

SCALE 2:1

SHEET 3 OF 4

REV A

LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	APVD
			—	SEE SHEET 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
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 R.GRZYBOWSKI 24MAY06		tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± -		SOCKET CONNECTOR, CROWNEDGE STRAIGHT, 3 SEGMENTS, 16 SIGNAL, COMPLIANT	
		1 PLC ± .5 [.020]			
		2 PLC ± .25 [.010]			
		3 PLC ± -			
4 PLC ± -		APVD S.FLICKINGER 24MAY06		SIZE A3	
ANGLES ± .5		CAGE CODE 00779			
MATERIAL -		FINISH -		DRAWING NO C-6650494	
		WEIGHT -		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 2:1	
				SHEET 4 OF 4	
				REV A	