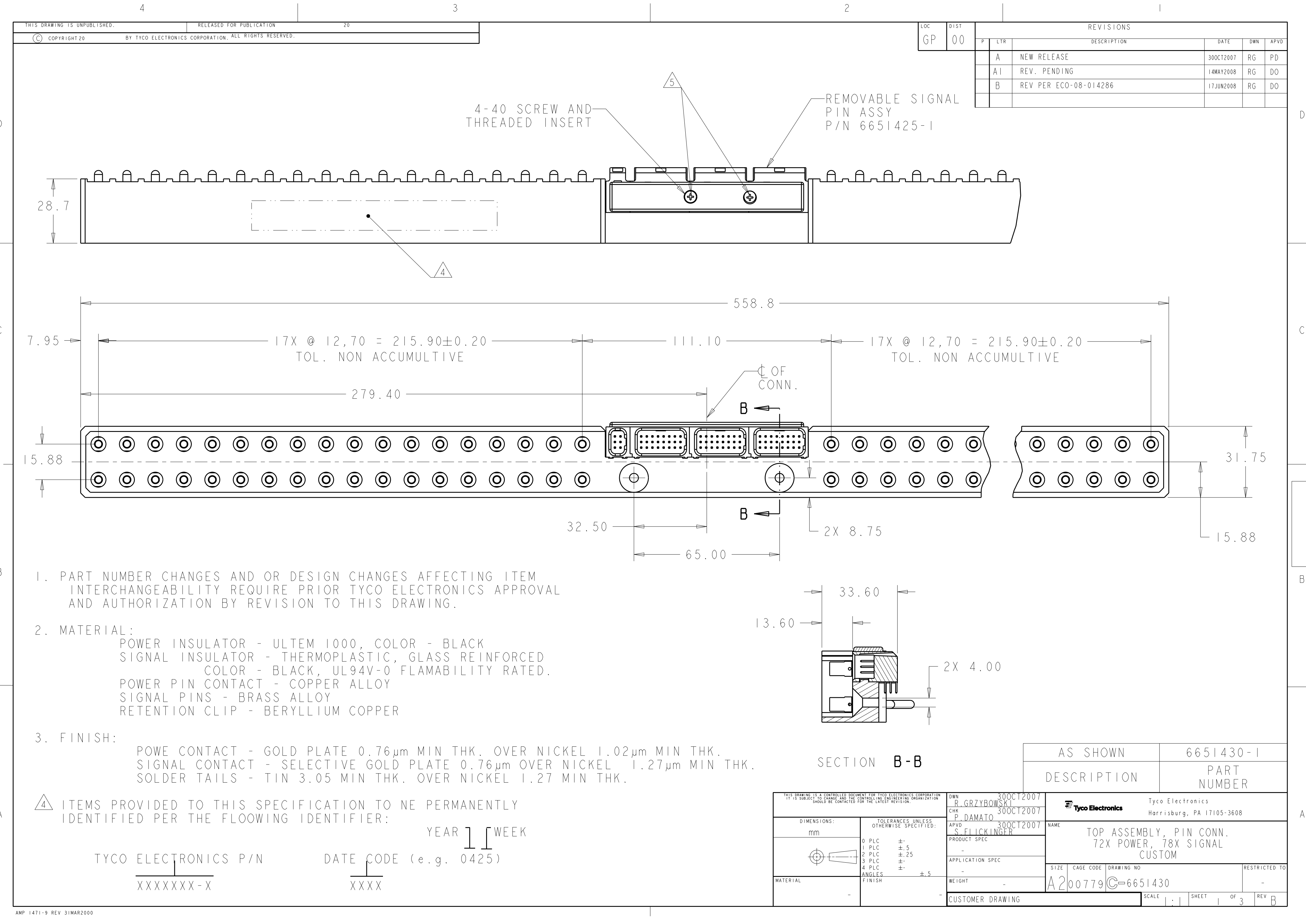




THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20	LOC		DIST	REVISIONS							
COPYRIGHT 20		BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.			GP		00	P	LTR	DESCRIPTION			DATE	DWN	APVD
									A	NEW RELEASE			30OCT2007	RG	PD
									AI	REV. PENDING			14MAY2008	RG	DO
									B	REV PER ECO-08-014286			17JUN2008	RG	DO

4-40 SCREW AND
THREADED INSERT

REMOVABLE SIGNAL
PIN ASSY
P/N 6651425-1

28.7

558.8

7.95

17X @ 12.70 = 215.90±0.20
TOL. NON ACCUMULTIVE

111.10

17X @ 12.70 = 215.90±0.20
TOL. NON ACCUMULTIVE

279.40

15.88

31.75

15.88

32.50

65.00

2X 8.75

2X 4.00

13.60

33.60

SECTION B-B

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIAL:
POWER INSULATOR - ULTEM 1000, COLOR - BLACK
SIGNAL INSULATOR - THERMOPLASTIC, GLASS REINFORCED
COLOR - BLACK, UL94V-0 FLAMABILITY RATED.
POWER PIN CONTACT - COPPER ALLOY
SIGNAL PINS - BRASS ALLOY
RETENTION CLIP - BERYLLIUM COPPER

3. FINISH:
POWE CONTACT - GOLD PLATE 0.76µm MIN THK. OVER NICKEL 1.02µm MIN THK.
SIGNAL CONTACT - SELECTIVE GOLD PLATE 0.76µm OVER NICKEL 1.27µm MIN THK.
SOLDER TAILS - TIN 3.05 MIN THK. OVER NICKEL 1.27 MIN THK.

4 ITEMS PROVIDED TO THIS SPECIFICATION TO NE PERMANENTLY IDENTIFIED PER THE FLOWING IDENTIFIER:

TYCO ELECTRONICS P/N

XXXXXXXX-X

DATE CODE (e.g. 0425)

XXXX

YEAR

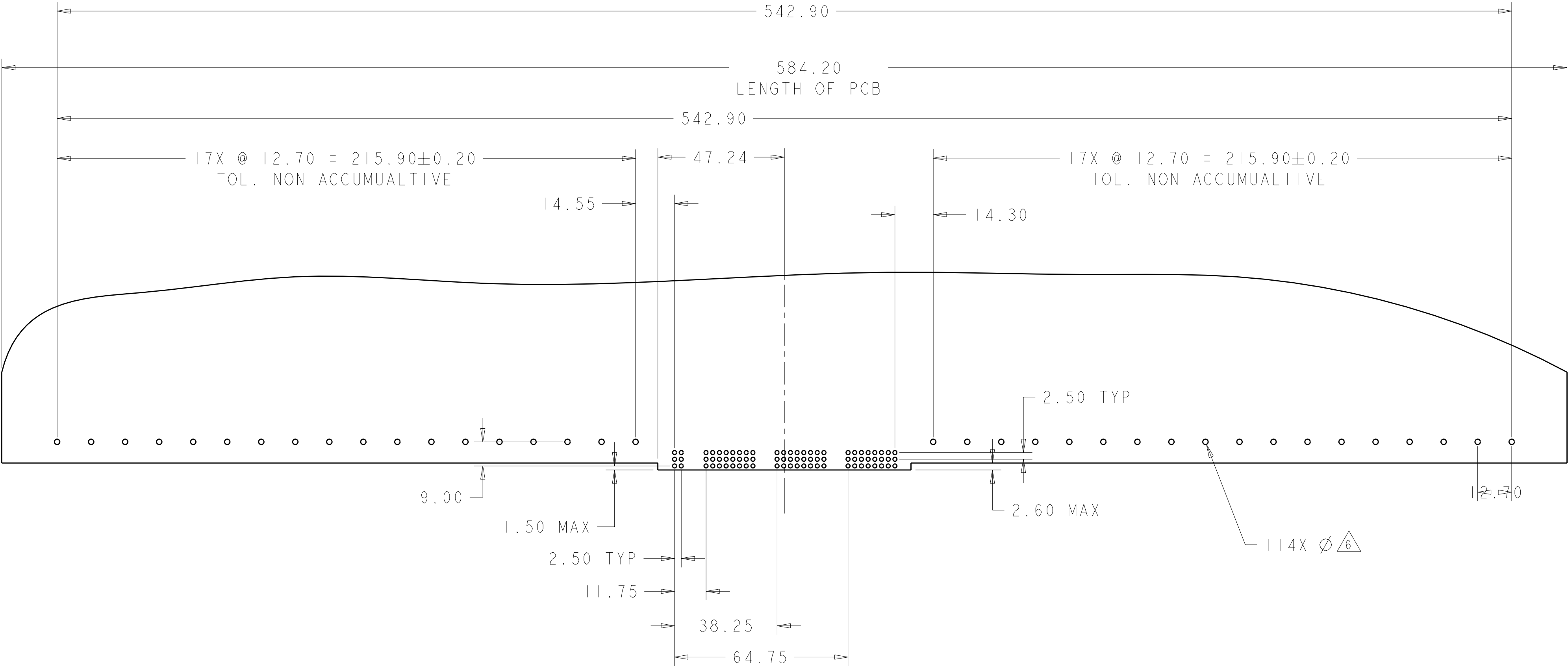
1

WEEK

1

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN	30OCT2007	Tyco Electronics		Tyco Electronics		Harrisburg, PA 17105-3608			
DIMENSIONS:		CHK	30OCT2007	NAME		TOP ASSEMBLY, PIN CONN.					
mm		CHK	30OCT2007	NAME		72X POWER, 78X SIGNAL					
		CHK	30OCT2007	NAME		CUSTOM					
		APVD	30OCT2007	NAME		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
		PRODUCT SPEC				A2	00779	C-6651430	-		
		APPLICATION SPEC				CUSTOMER DRAWING					
		WEIGHT	-			SCALE	1:1	SHEET	OF 3		
		MATERIAL	-			REV B					

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

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IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±.5

2 PLC ±.25

3 PLC ±.

4 PLC ±.

ANGLES ±.5

FINISH

DWN
R. GRZYBOWSKI
30OCT2007

CHK
P. DAMATO
30OCT2007

APVD
S. FLICKINGER
30OCT2007

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME
TOP ASSEMBLY, PIN CONN.
72X POWER, 78X SIGNAL
CUSTOM

SIZE
A2

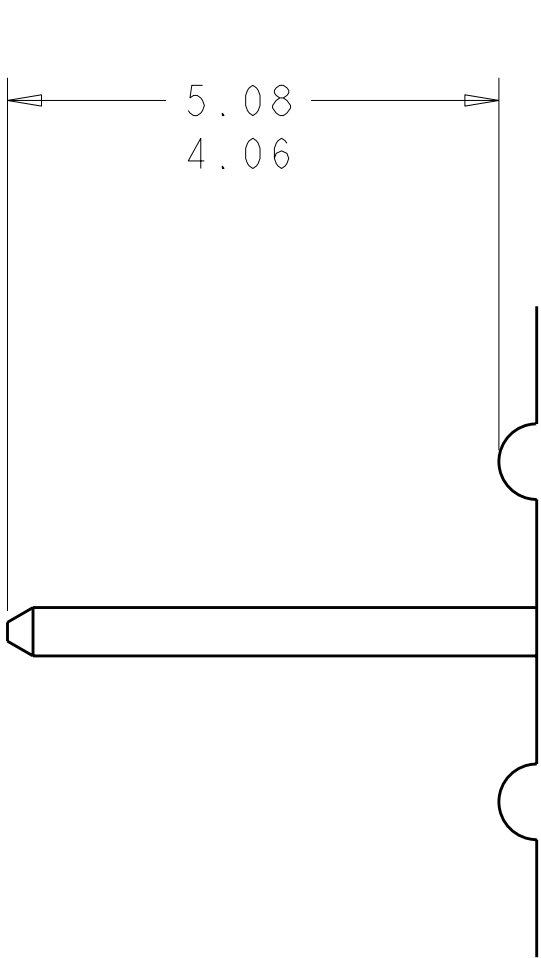
CAGE CODE
00779

DRAWING NO
6651430

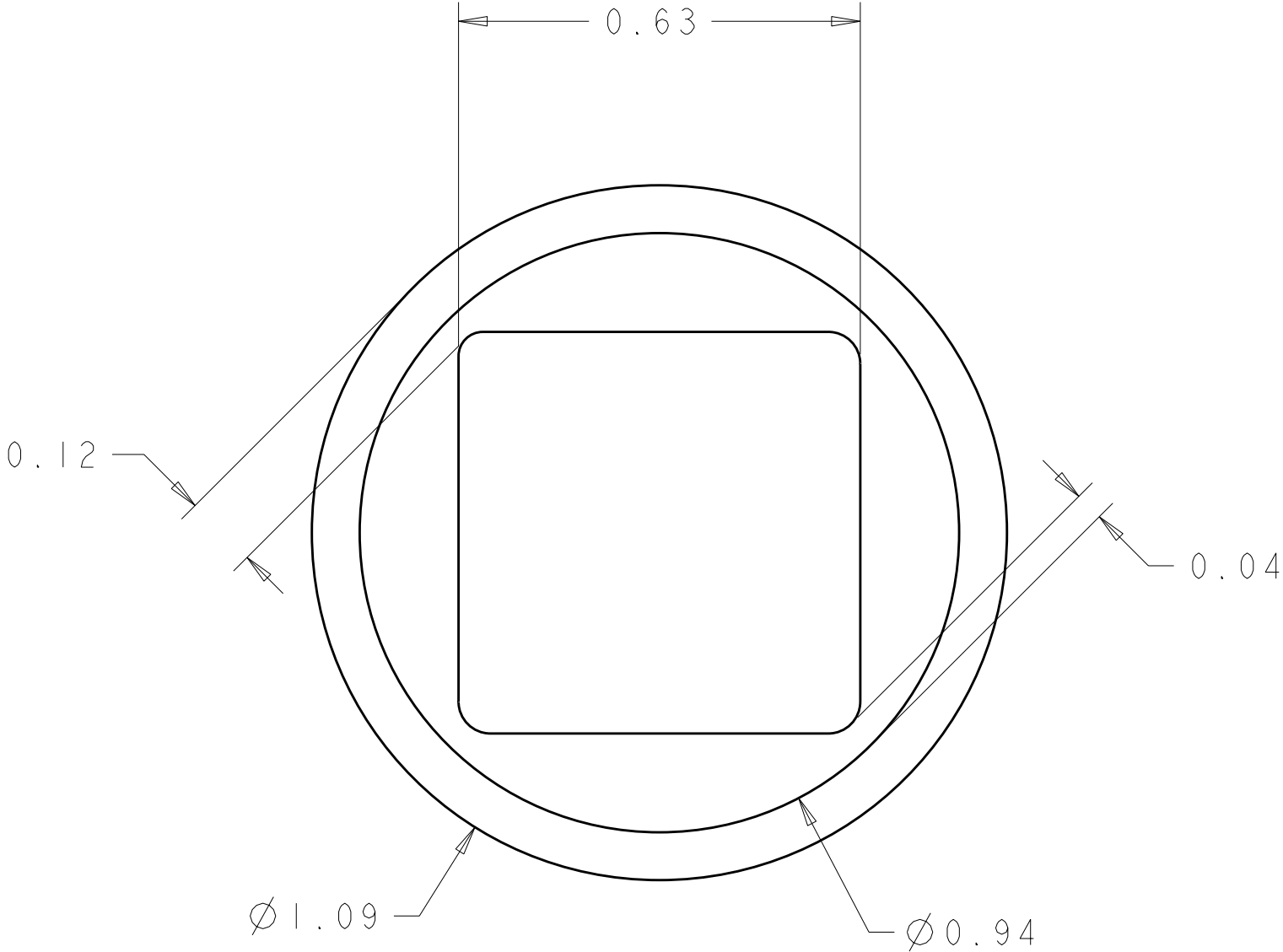
RESTRICTED TO
-

SCALE 1:1 SHEET 2 OF 3 REV B

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



5. SOLDER PIN DETAIL



6 SOLDER TERMINATION AREA
RECOMMENDED PRINTED CIRCUIT HOLE
FINISH HOLE: Ø1.02±.08
DRILLED HOLE: Ø1.15±.013
COPPER PLATE: .025 MIN. (PER SURFACE)
TIN PLATE: .008 MIN. (PER SURFACE)

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 30OCT2007 CHK P. DAMATO 30OCT2007 APVD S. FLICKINGER 30OCT2007	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		PRODUCT SPEC -	NAME TOP ASSEMBLY, PIN CONN. 72X POWER, 78X SIGNAL CUSTOM	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH		APPLICATION SPEC -	SIZE A200779	RESTRICTED TO -
MATERIAL -		WEIGHT -	DRAWING NO C-6651430	
CUSTOMER DRAWING			SCALE 1:1	SHEET 3 OF 3 REV B