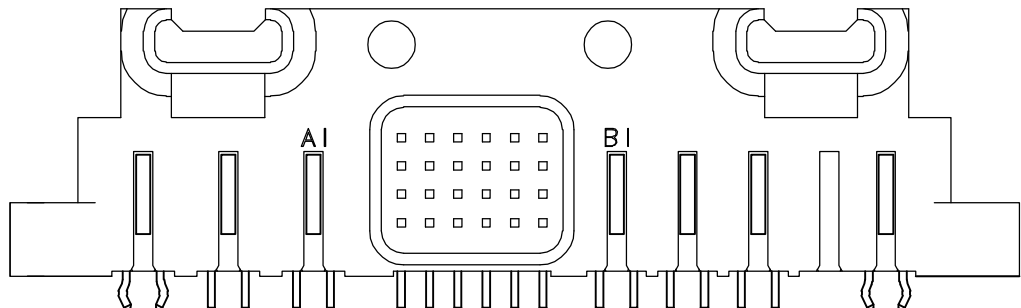
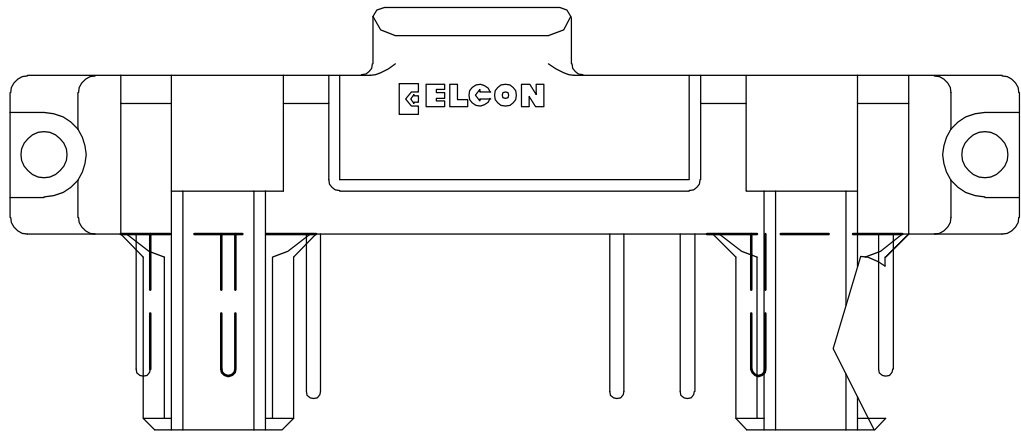


LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	APVD
			A	RELEASED	31JULY06	SF



1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIAL:
INSULATOR - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
POWER CONTACTS - PHOSPHOR BRONZE ALLOY
COPPER ALLOY
SIGNAL CONTACTS - BRASS ALLOY
3. FINISH:
CONTACTS - GOLD PLATE .000030 INCH MIN THK. OVER
NICKEL .000050 INCH MIN THK. SOLDER TAILS,
TIN .000120 INCH MIN THK. OVER
.000050 INCH MIN THK. NICKEL

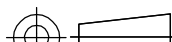
4. MOUNTING FLANGES ACCEPT M3 OR NO. 6-32 SCREWS. (USER SUPPLIED)

5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:
YEAR WEEK

TYCO PART NUMBER DATE CODE (e.g. 0525)
XXXXXXX-X XXXX

6. MAINTAIN 5.0mm [.197] CREEPAGE BETWEEN A1 AND SIGNALS.

7. MAINTAIN 1.2mm [.047] CREEPAGE.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	31JULY06	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608							
		CHK S.FLICKINGER	31JULY06								
DIMENSIONS: mm		APVD S.FLICKINGER	31JULY06	NAME CONNECTOR, PIN, RIGHT ANGLE SHORT SOLDER TAILS SERVERPAK							
		PRODUCT SPEC —		SIZE A2		CAGE CODE 00779		DRAWING NO C=6643909		RESTRICTED TO —	
		APPLICATION SPEC —									
		WEIGHT —									
		CUSTOMER DRAWING									
TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± .3 [.012] 2 PLC ± .15 [.006] 3 PLC ± — 4 PLC ± — ANGLES ± .5		FINISH —		SCALE 1:1		SHEET 1 of 4		REV A			
MATERIAL —											

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

- . - .

© COPYRIGHT

BY TYCO ELECTRONICS CORPORATION.

ALL RIGHTS RESERVED.

LOC
GPDIST
00

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

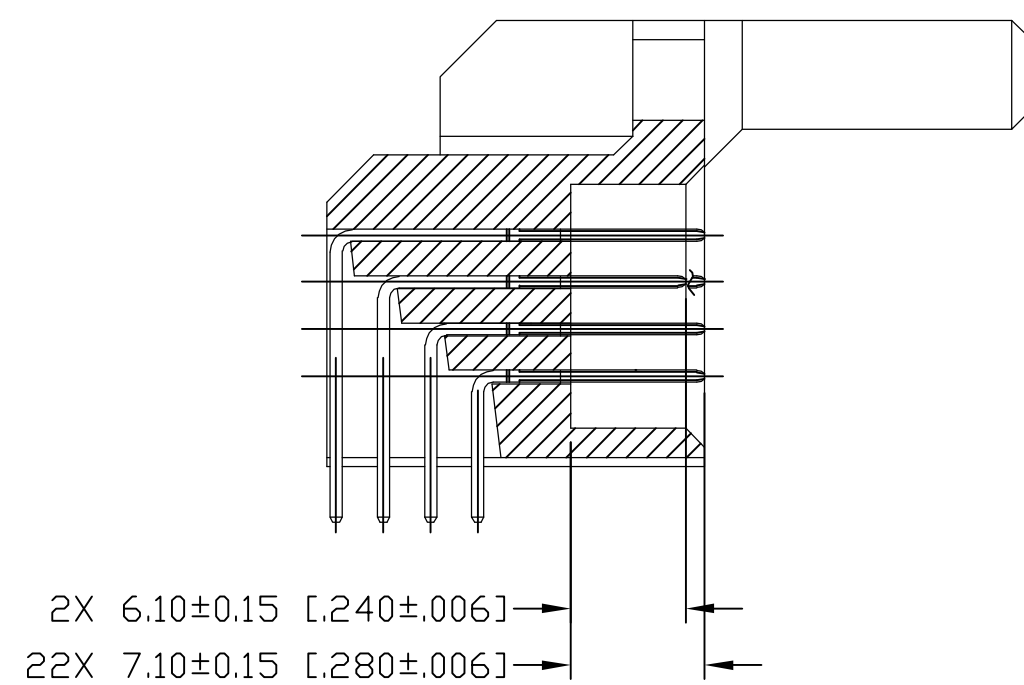
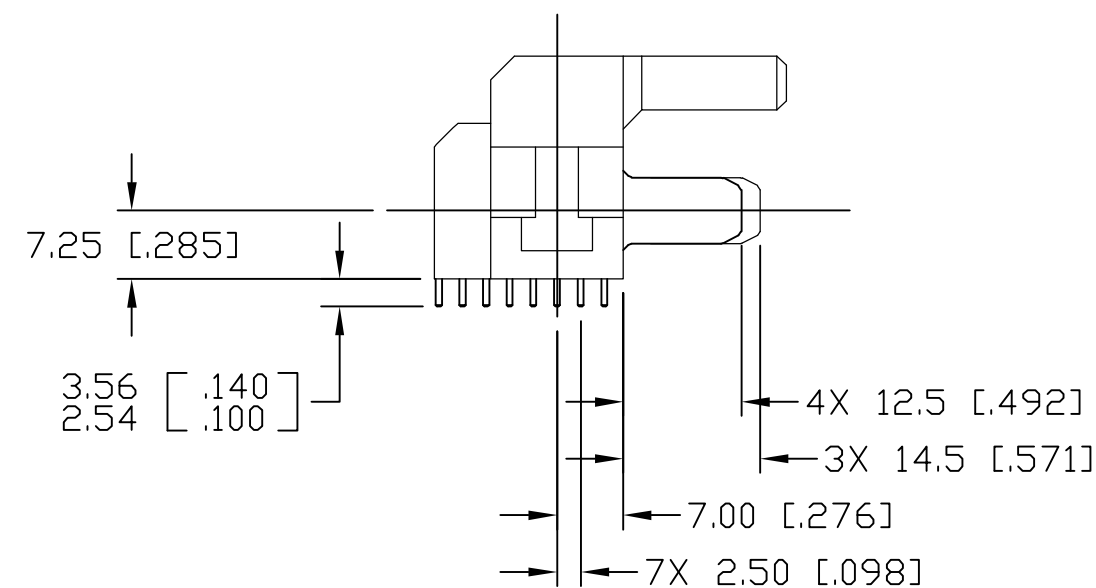
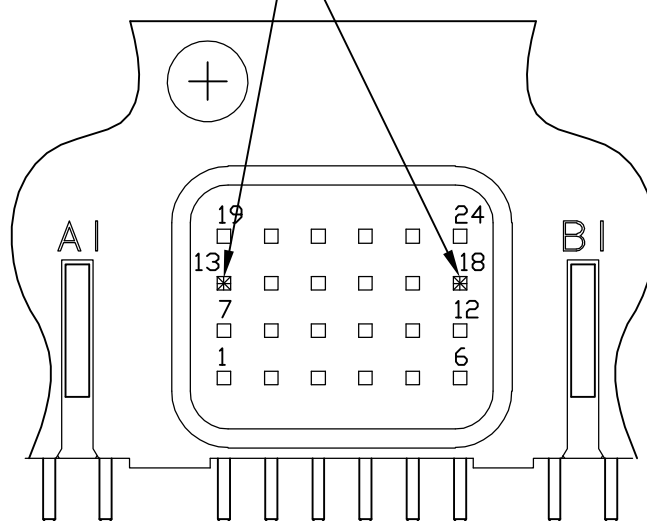
APVD

SEE SHEET 1

-

-

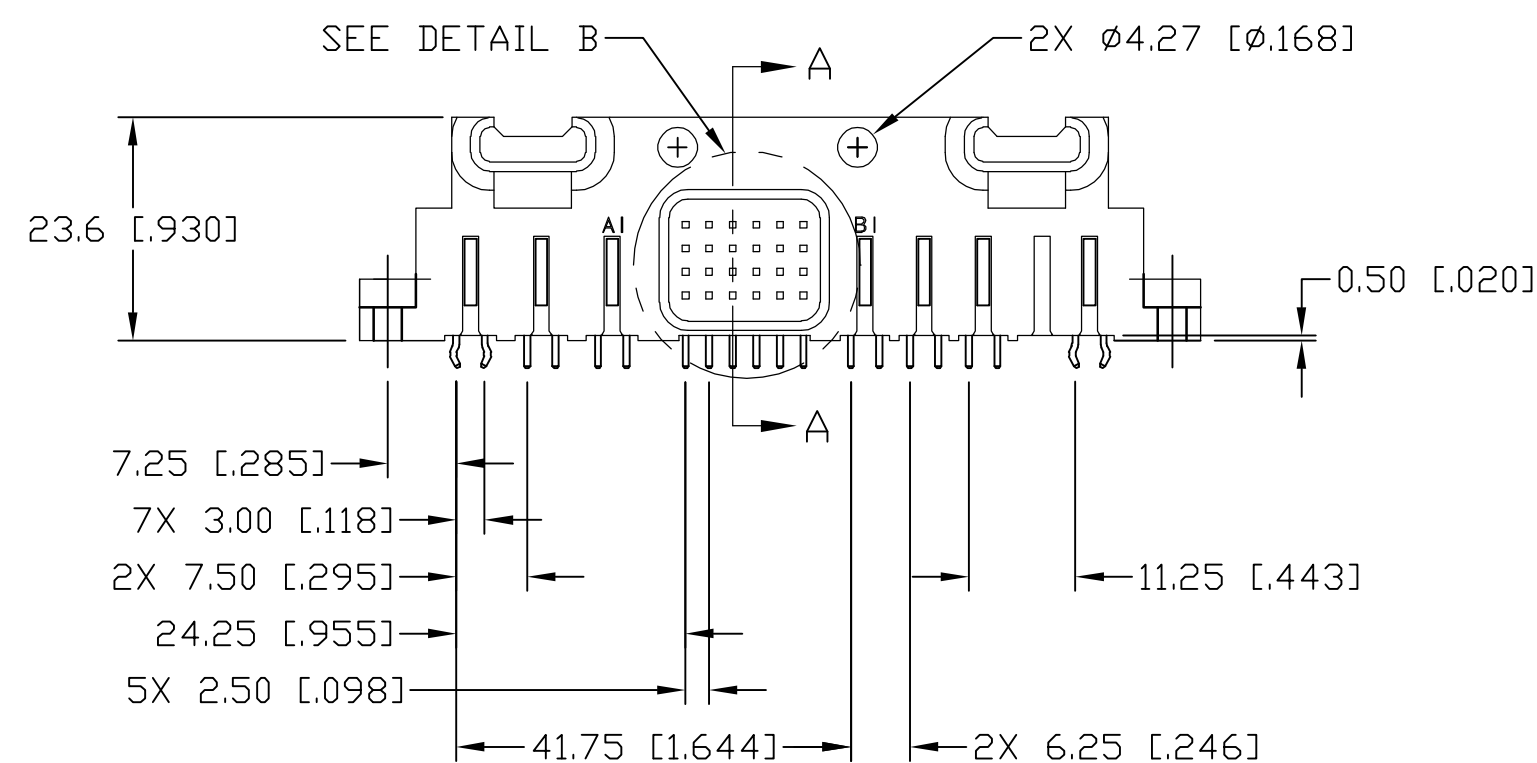
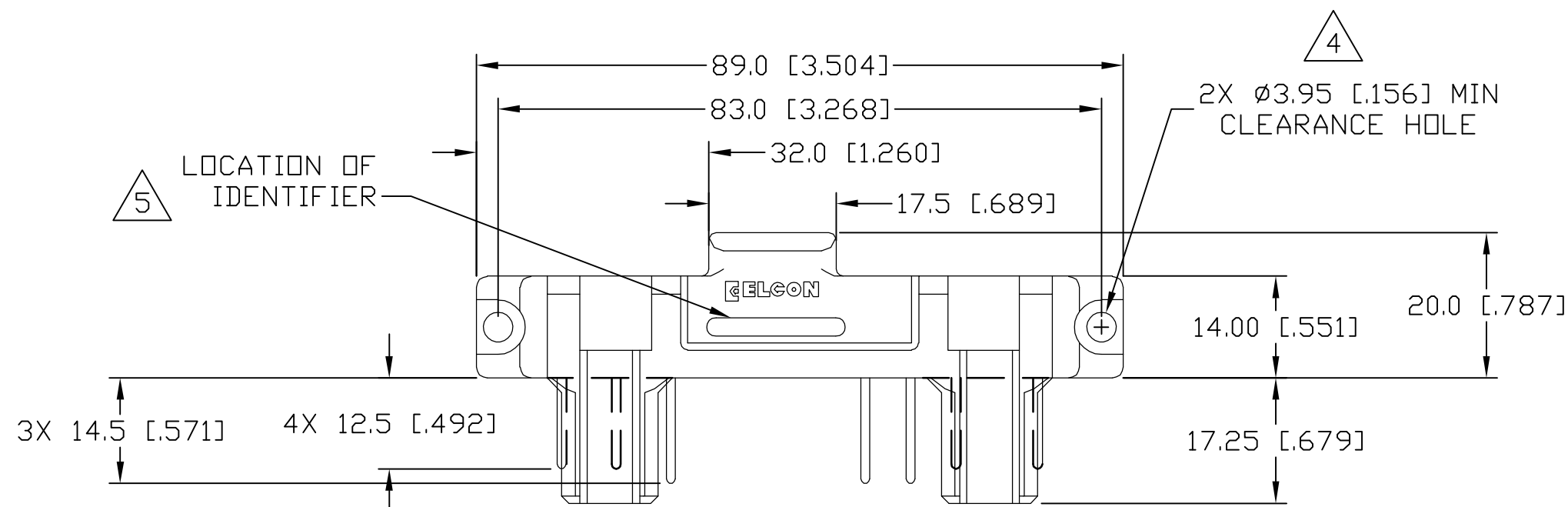
-

SECTION A-A
SCALE: 2:1STANDARD PINS
POSN 13 & 18

KEY:

⊠ STANDARD PIN (2X 6.1 [.240])

□ PREMATE PIN (22X 7.1 [.280])

DETAIL B
SCALE: 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R.GRZYBOWSKI 31JULY06

CHK S.FLICKINGER 31JULY06

APVD S.FLICKINGER 31JULY06

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

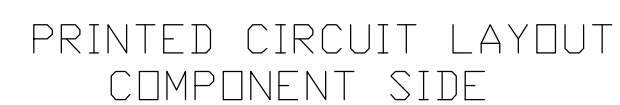
Tyco Electronics Corporation
Harrisburg, PA 17105-3608NAME
CONNECTOR, PIN, RIGHT ANGLE
SHORT SOLDER TAILS
SERVERPAK

SIZE CAGE CODE DRAWING NO

A2 00779 C=6643909

RESTRICTED TO

SCALE 1:1 SHEET 2 OF 4 REV A



CONNECTOR	EQUIV. MODULE NO.		EQUIV. SIZE	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	BETWEEN CONTACT POSITIONS	VOLTAGE RATING*
PIN	FP1801	POWER	8	35 AMPERES	7.50 [.2953]	A1, A2, A3	250 VAC OR VDC
			8	35 AMPERES	6.25 [.2461]	B1, B2, B3	150 VAC OR VDC
			8	35 AMPERES	11.25 [.4429]	B3, B5	600 VAC OR VDC
		SIGNAL	22	3 AMPERES	2.50 [.0984]	#1 TO #24	50 VAC OR VDC

* IAW IEC-950

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 31JULY06		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK S.FLICKINGER 31JULY06			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CONNECTOR, PIN, RIGHT ANGLE SHORT SOLDER TAILS SERVERPAK	
mm		APVD S.FLICKINGER 31JULY06			
		PRODUCT SPEC —			
		APPLICATION SPEC —			
		WEIGHT —			
MATERIAL —		FINISH —		SIZE A2	
				CAGE CODE 00779	
				DRAWING NO C-6643909	
				RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 1:1	
				SHEET 3 OF 4	
				REV A	

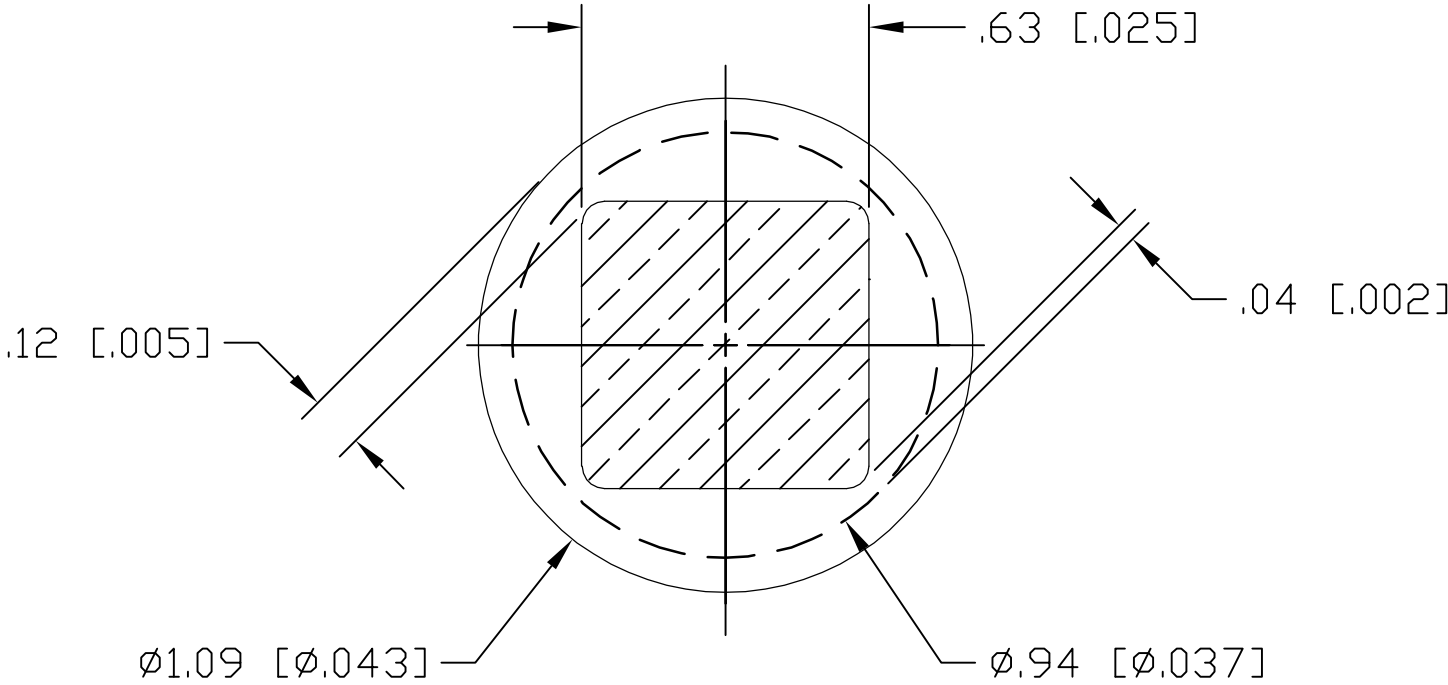
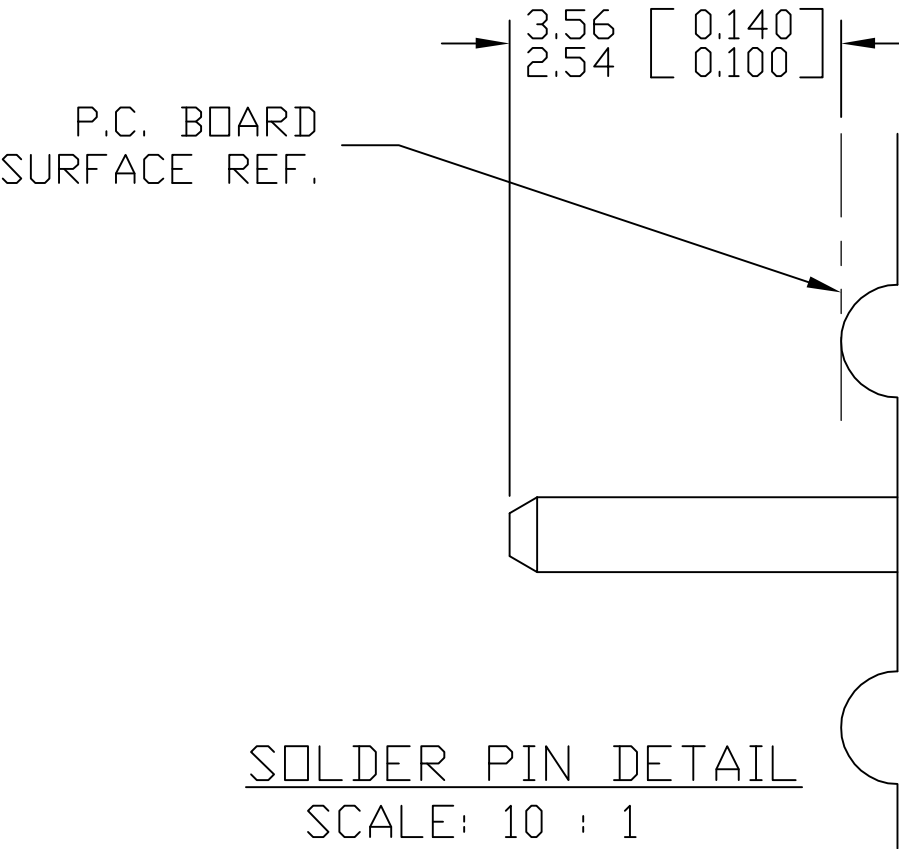
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
GP	00			SEE SHEET 1		

D

C

B

A



SOLDER TERMINATION AREA
SCALE: 40 : 1
RECOMMENDED PRINTED CIRCUIT HOLE
SOLDER OR COMPLIANT PRESS FIT
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)

D

C

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	31JULY06	tyco Tyco Electronics Corporation Electronics Harrisburg, PA 17105-3608							
		CHK S.FLICKINGER	31JULY06								
DIMENSIONS: mm		APVD S.FLICKINGER	31JULY06	NAME CONNECTOR, PIN, RIGHT ANGLE SHORT SOLDER TAILS SERVERPAK							
		PRODUCT SPEC —									
		APPLICATION SPEC —		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
MATERIAL —		WEIGHT —		A2	00779	C=6643909	—				
		CUSTOMER DRAWING				SCALE	1:1	SHEET	4 of 4	REV	A

6643909

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6643909-1](#)