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REVISIONS

EC	REV	DESCRIPTION	DATE
0S1Q-0337-04	A	INITIAL DRAWING	10/07/04
0S1Q-0436-04	B	ADDED DETAIL A FOR COMPLIANT PRESS FIT AND DETAIL B FOR OPTIONAL STYLE COMPLIANT TAIL ADDED NOTE 7 ON SHEETS 1 & 3	12/13/04

B

B

NOTES: UNLESS OTHERWISE SPECIFIED

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING
2. MATERIALS:
 - INSULATORS: THERMPLASTIC, GLASS REINFORCED, COLOR: BLK UL 94V-0 FLAMMABILITY RATED
 - SIGNAL CONTACTS: COPPER ALLOY
 - POWER CONTACTS: COPPER ALLOY
3. FINISHES:
 - CONTACT PLATING: SELECTIVE GOLD PER MIL-G-45204, 0.000030" NOMINAL OVER NICKEL PER QQ-N-290
 - TERMINALS: TIN PLATED, MATTE FINISH, .000040" TO .000120" THICKNESS (PRE-PRODUCTION TERMINATION MAY BE TIN/LEAD PLATED)

4 CONNECTOR ACCEPT 0.093 \pm .005" [2.36 \pm 0.13] THICK PCB.

5 RECOMMENDED PRINTED CIRCUIT HOLE
FINISHED HOLE: ϕ 1.02 \pm .08 [.040 \pm .003]
DRILLED HOLE: ϕ 1.15 \pm .013 [.0453 \pm .0005]
COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

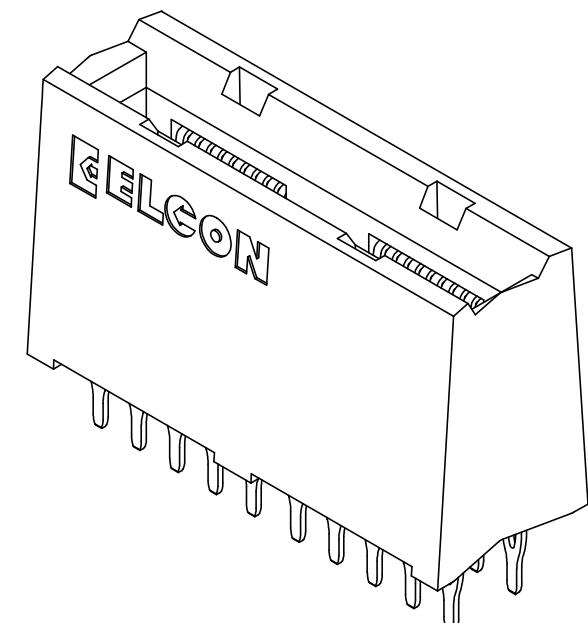
6 MACHINED PART 284-0492-00900 WILL BE REPLACED BY
MOLDED PART 284-0492-11000 WHEN TOOLING BECOMES AVAILABLE.

7 TO AVOID CONTACT DAMAGE, REMOVE SHARP PCB EDGE.

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

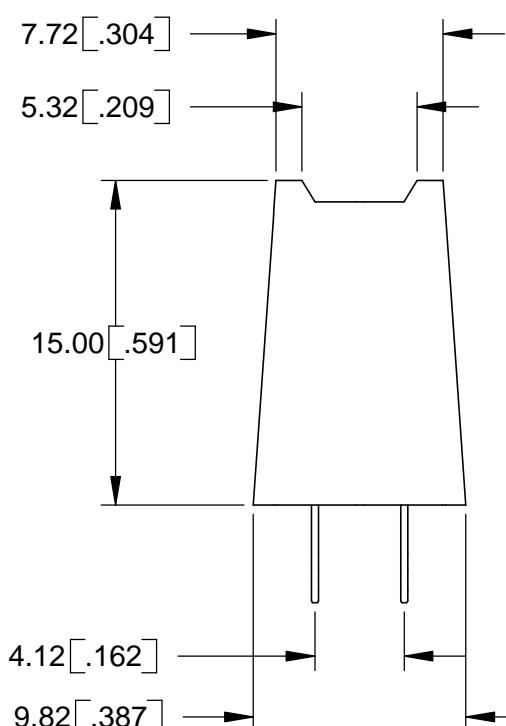
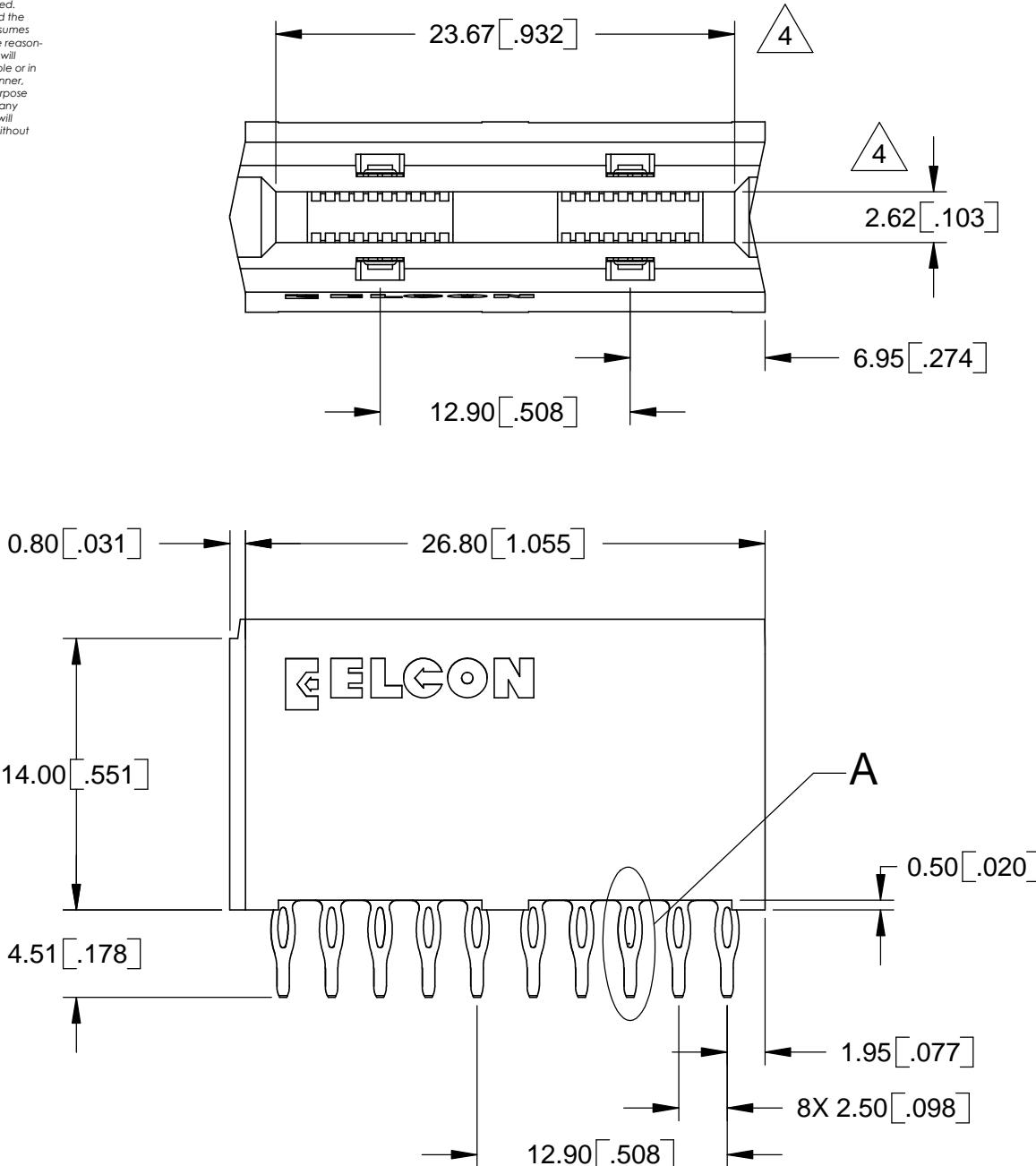
YEAR WEEK
ELCON PART NO. DATE CODE (e.g. 0425)
XXX-XXXX-XXXXX XXXX

9. REFERENCE ELCON PART NO. 284-0492-11000
284-0492-00900



 <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH]</small>	DRAWN	DATE	 Tyco Electronics Corporation Menlo Park, CA 94025
	CHECKED		
APPROVED			TITLE
APPROVED	D. CHAU	12/13/04	SOCKET CONNECTOR, CROWNEDGE 2 SEGMENTS, COMPLIANT TAIL, .093" BLADE PN: 284-0492-11000 (MOLDED) PN: 284-0492-00900 (MACHINED)
DECIMALS	.XX \pm 0.25 [.010]		SIZE DWG NUMBER
ANGLES \pm 2.0°	D.CA APPROVED M. ALIM	12/15/04	C \square 1766354
.X \pm 0.5 [.02]			REV. B
FILE NAME	SC1766354B.SLDDRW	DWG SCALE: 3 = 1	SH 1 OF 3

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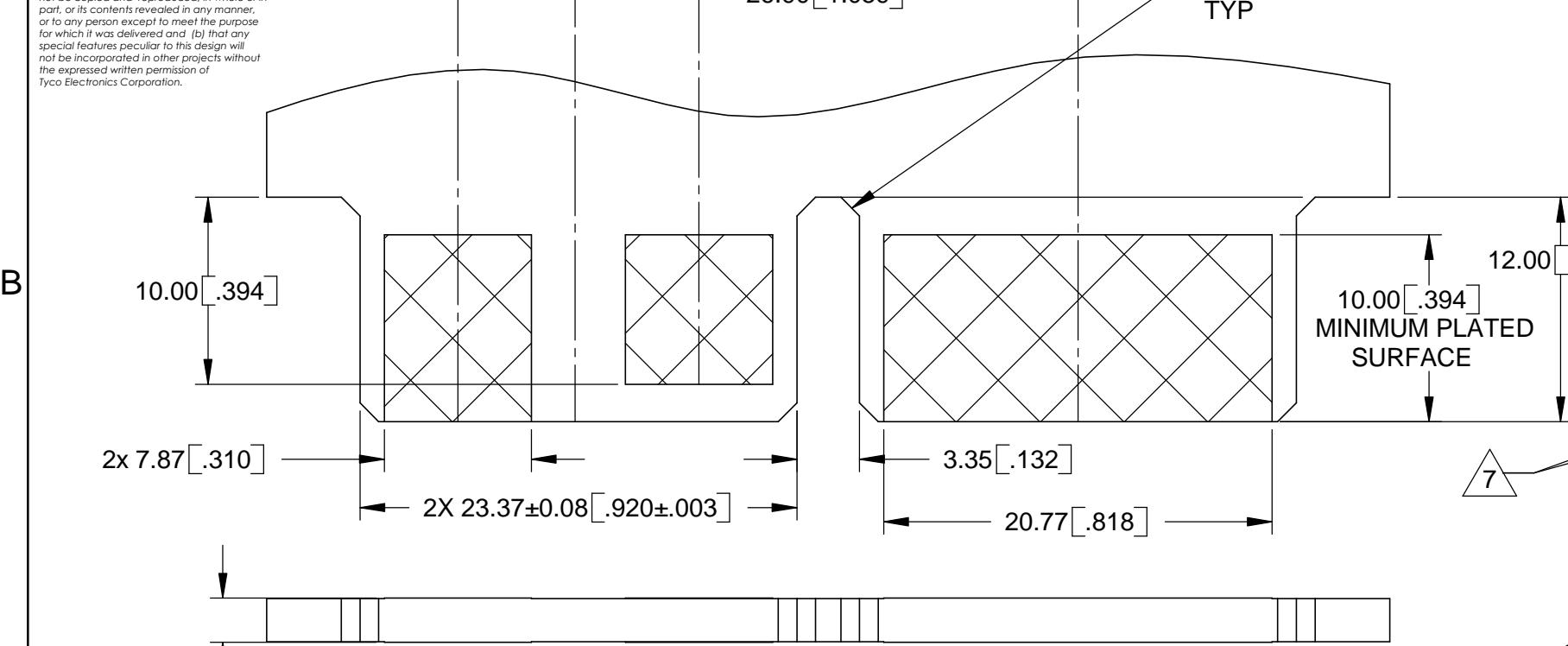


DETAIL B
OPTIONAL STYLE
COMPLIANT PRESS FIT
SCALE 6 : 1

DETAIL A
COMPLIANT PRESS FIT
SCALE 6:1

 THIRD ANGLE PROJECTION	DRAWN R. Thein	DATE 09/15/04	 Tyco Electronics Tyco Electronics Corporation Menlo Park, CA 94025
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH]	APPROVED		
TOLERANCES ANGLES $\pm 2.0^\circ$ DECIMALS .XX $\pm 0.25 [0.010]$.X $\pm 0.5 [0.02]$	APPROVED D. CHAU	12/13/04	
	DCA APPROVED M. ALIM	12/15/04	SIZE DWG NUMBER B C □ 1766354
FILE NAME	SC1766354B.SLDDRW	REV.	B
		DWG SCALE: 3 = 1	SH 2 OF 3

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4

DOUBLE SIDED PCB CARD

40X $\phi 1.02 \pm 0.08$ [.040 ± .003]
PLATED THRU HOLE

5

22.90[.902], 4.00[.157], 4.11[.162], 8X 2.50[.098], 12.90[.508], 12.90[.508], 8X 2.50[.098]

5

RECOMMENDED PCB LAYOUT

MM OR MM [INCH]
THIRD ANGLE PROJECTION
UNLESS OTHERWISE
SPECIFIED DIMENSIONS
ARE IN MILLIMETERS [INCH]
TOLERANCES
ANGLES $\pm 2.0^\circ$
DECIMALS
.XX ± 0.25 [.010]
.X ± 0.5 [.02]

DRAWN
R. Thein
CHECKED
APPROVED
APPROVED
DCA APPROVED
M. ALIM

DATE
06/02/04
12/13/04
12/15/04

Tyco
Electronics
Tyco Electronics Corporation
Menlo Park, CA 94025
ELCON

USER INFORMATION
RECOMMENDED PCB LAYOUT
AND MATING BOARD

SIZE DWG NUMBER
B C - 1766354
REV. B

FILE NAME

SC1766354B.SLDDRW

DWG SCALE: 3 = 1 SH 3 OF 3

