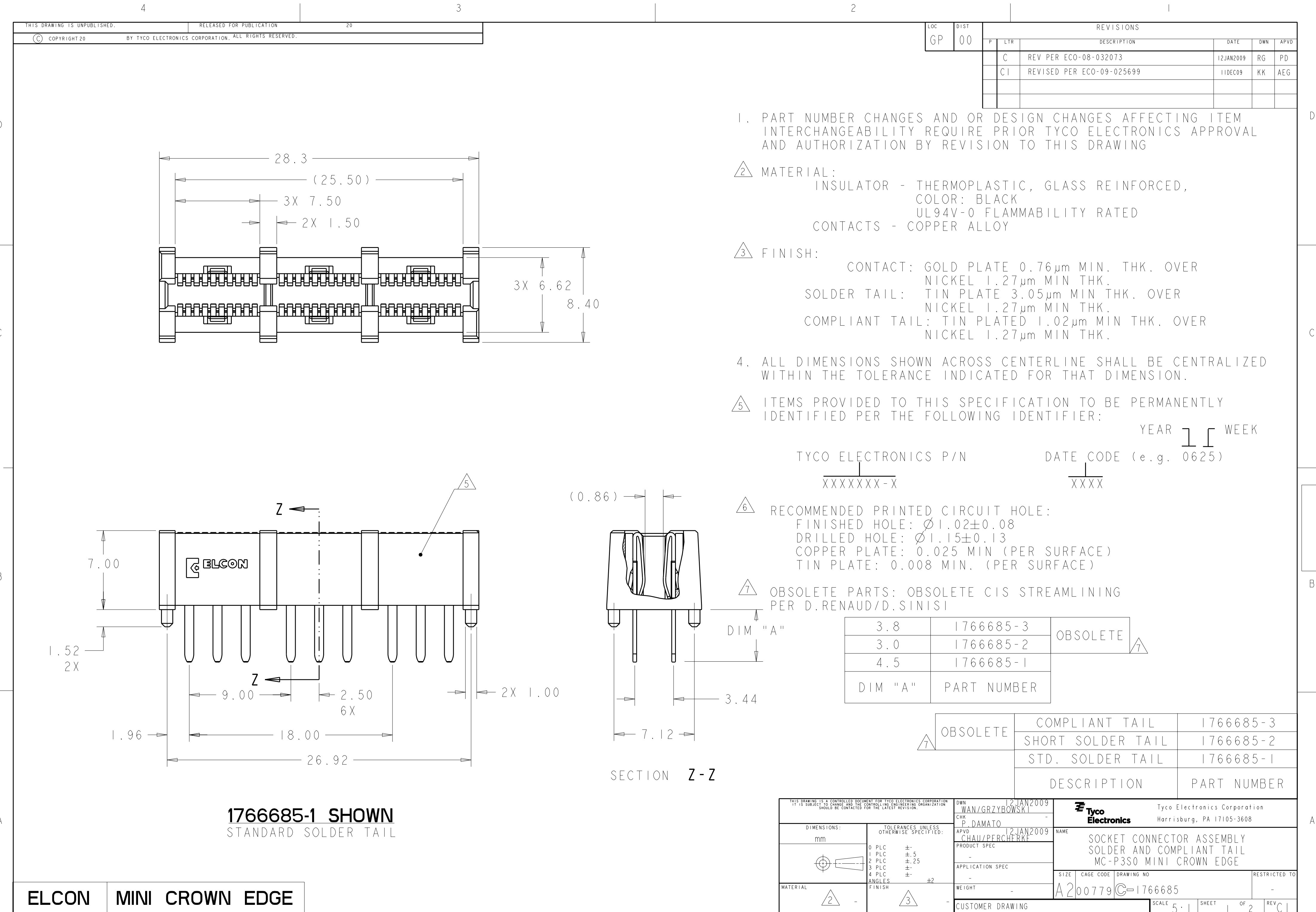




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LOC	DIST	REVISIONS			
GP	00	P	LTR	DESCRIPTION	DATE
			C	REV PER ECO-08-032073	12JAN2009
			CI	REVISED PER ECO-09-025699	11DEC09

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:
INSULATOR - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK
UL94V-0 FLAMMABILITY RATED
CONTACTS - COPPER ALLOY

3 FINISH:
CONTACT: GOLD PLATE 0.76µm MIN. THK. OVER
NICKEL 1.27µm MIN THK.
SOLDER TAIL: TIN PLATE 3.05µm MIN THK. OVER
NICKEL 1.27µm MIN THK.
COMPLIANT TAIL: TIN PLATED 1.02µm MIN THK. OVER
NICKEL 1.27µm MIN THK.

4. ALL DIMENSIONS SHOWN ACROSS CENTERLINE SHALL BE CENTRALIZED WITHIN THE TOLERANCE INDICATED FOR THAT DIMENSION.

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

TYCO ELECTRONICS P/N
XXXXXXXX-X

DATE CODE (e.g. 0625)
XXXX

YEAR 11 WEEK

6 RECOMMENDED PRINTED CIRCUIT HOLE:
FINISHED HOLE: Ø1.02±0.08
DRILLED HOLE: Ø1.15±0.13
COPPER PLATE: 0.025 MIN (PER SURFACE)
TIN PLATE: 0.008 MIN. (PER SURFACE)

7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

3.8	1766685-3	OBSOLETE
3.0	1766685-2	
4.5	1766685-1	
DIM "A"	PART NUMBER	

OBSOLETE	COMPLIANT TAIL	1766685-3
	SHORT SOLDER TAIL	1766685-2
	STD. SOLDER TAIL	1766685-1
	DESCRIPTION	PART NUMBER

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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	0 PLC ±.5
	1 PLC ±.25
	2 PLC ±.25
	3 PLC ±.25
	4 PLC ±.25
	ANGLES ±2
	FINISH

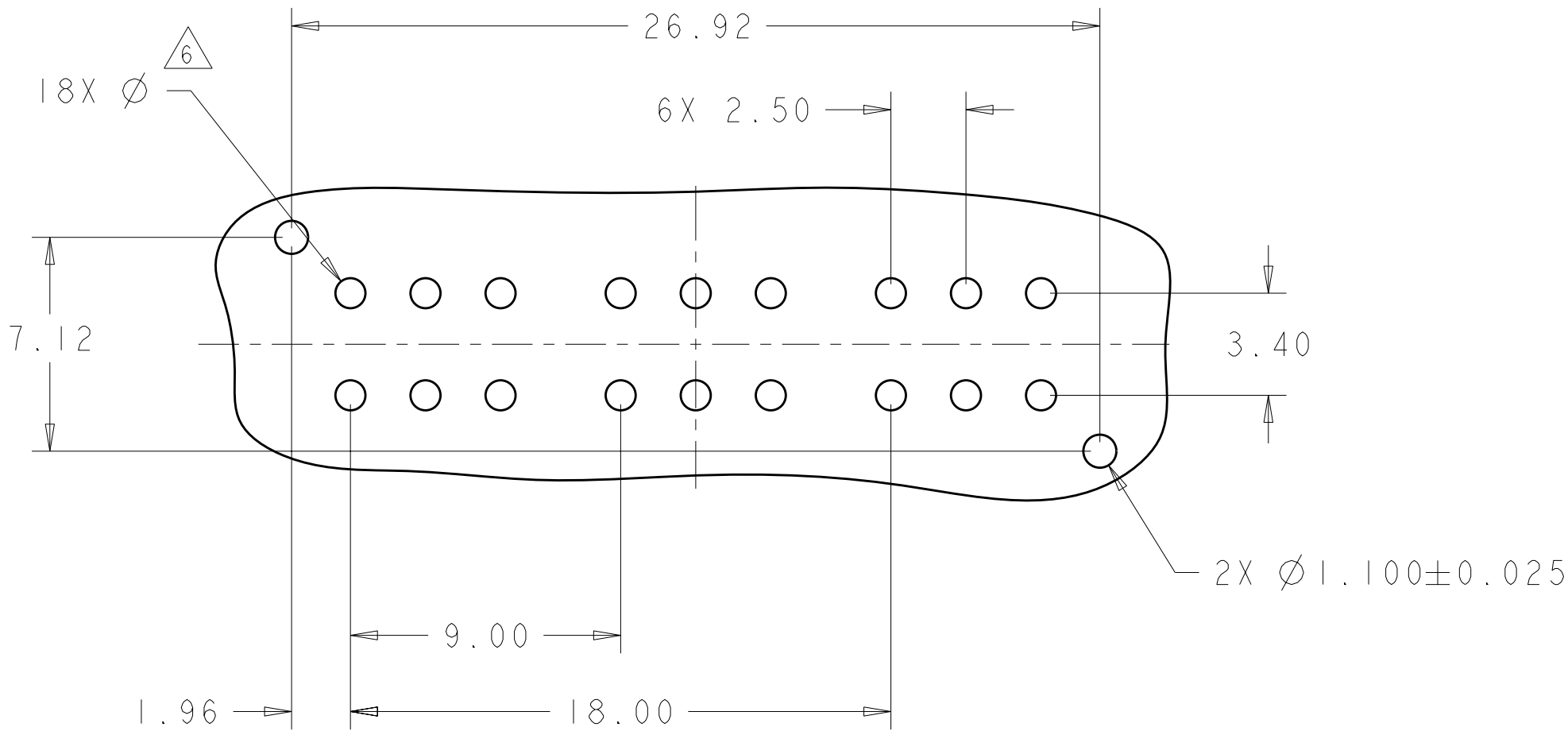
DWN	12JAN2009
CHK	WAN/GRZYBOWSKI
APVD	P.DAMATO
PRODUCT SPEC	12JAN2009
APPLICATION SPEC	CHAU/PERCHERKE
WEIGHT	-
CUSTOMER DRAWING	

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

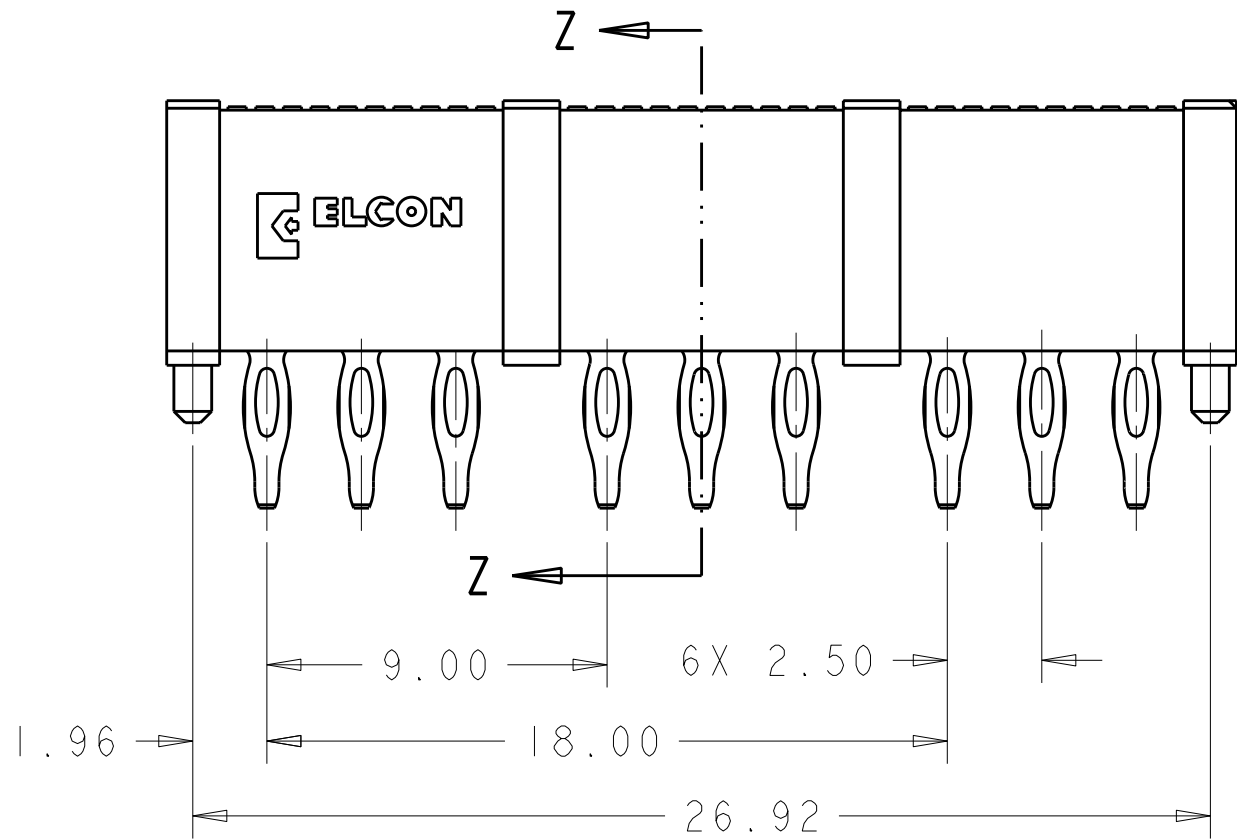
NAME
SOCKET CONNECTOR ASSEMBLY
SOLDER AND COMPLIANT TAIL
MC-P3SO MINI CROWN EDGE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1766685	-

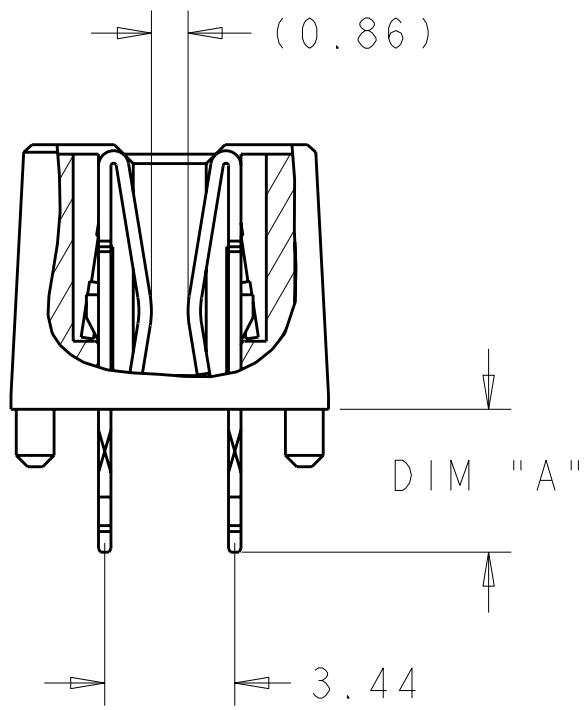
SCALE 5:1 SHEET 1 OF 2 REV C1



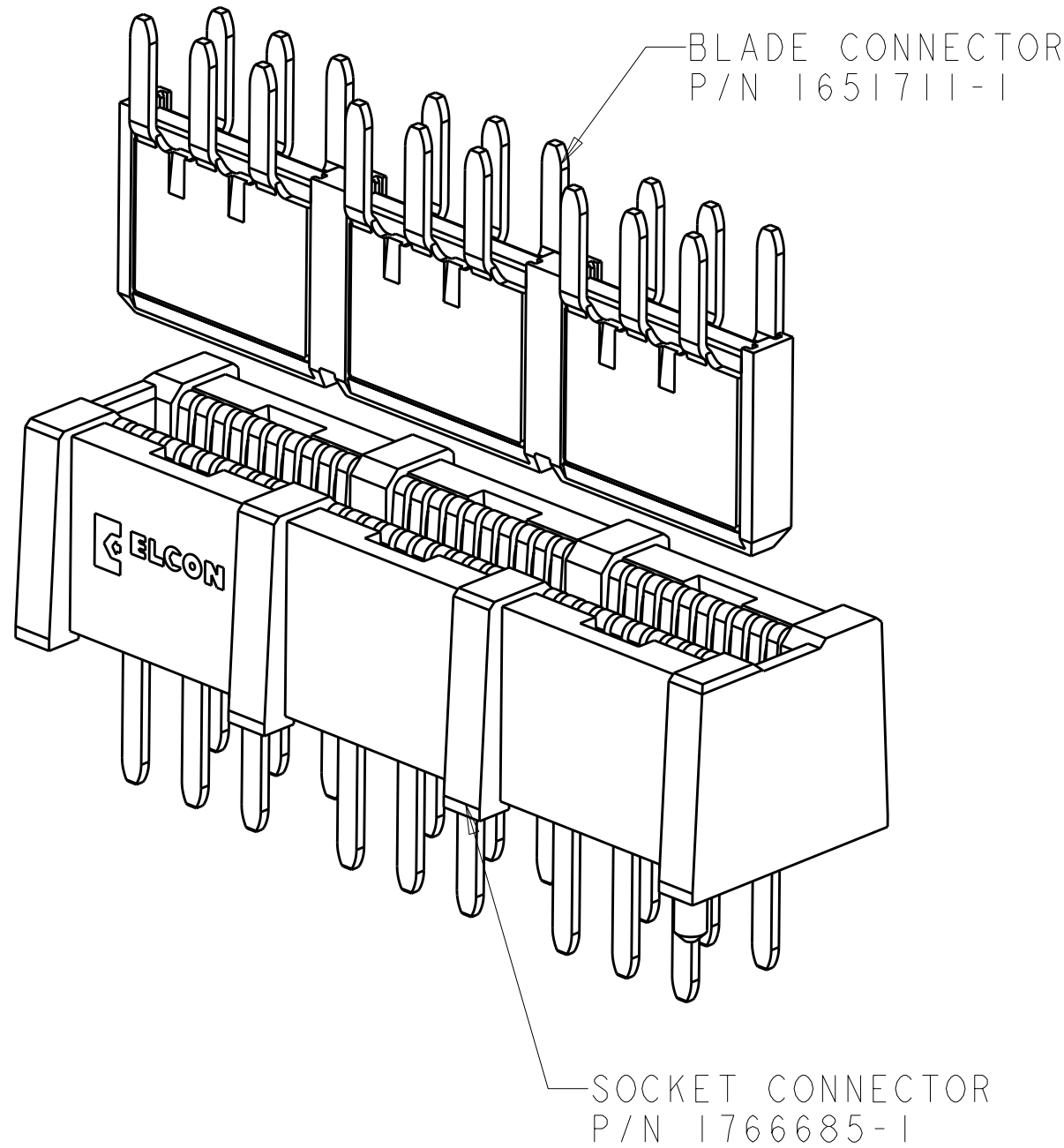
RECOMMENDED PC BOARD LAYOUT
VIEWED FROM THE CONNECTOR SIDE



1766685-3 SHOWN
COMPLIANT TAIL



SECTION Z-Z



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DIMENSIONS: mm		CHK P. DAMATO 12 JAN 2009	NAME SOCKET CONNECTOR ASSEMBLY SOLDER AND COMPLIANT TAIL MC-P3SO MINI CROWN EDGE			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD CHAU/PERCHERKE 12 JAN 2009	SIZE A200779			
0 PLC ±.5 1 PLC ±.25 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±2 FINISH		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	DRAWING NO C-1766685			
MATERIAL -		CUSTOMER DRAWING	RESTRICTED TO -			
		SCALE 5:1	SHEET 2 OF 2			