

LOC		DIST		REVISIONS				
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
		C		REV PER ECO-08-031660	08JAN2009	RG	PD	

D

D

C

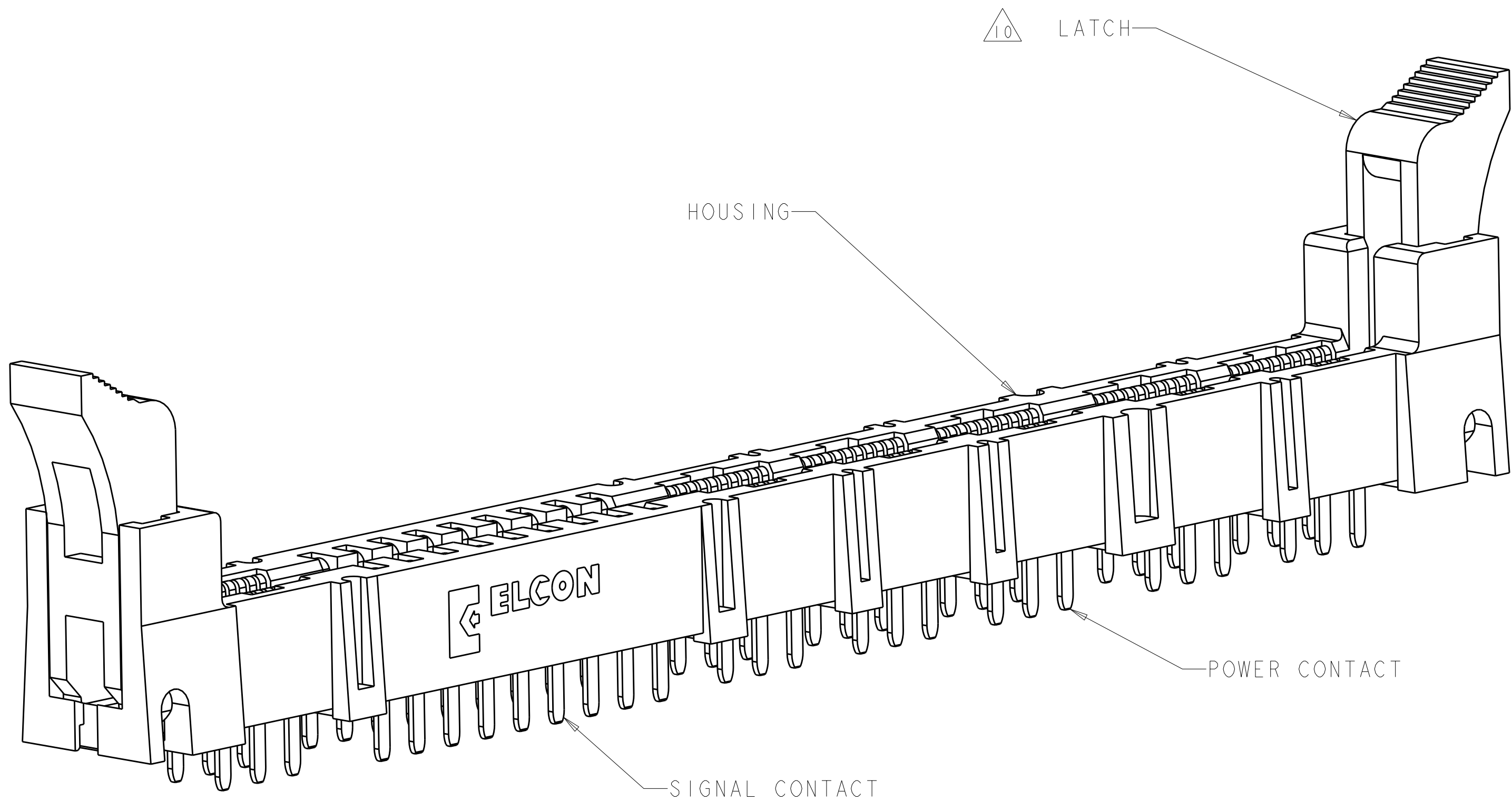
C

B

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A

A



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:
HOUSING: GLASS FILLED POLYESTER, COLOR-BLACK
UL94V-0 FLAMMABILITY RATED
LATCHES: THERMOPLASTIC, GLASS REINFORCED
COLOR: BLACK, UL94V-0 FLAMMABILITY RATED
CONTACTS: COPPER ALLOY

3 FINISH:
CONTACTS:
GOLD PLATE 0.76µm MIN THK. OVER
NICKEL 1.27µm MIN THK.
SOLDER TAILS - TIN PLATE 3.05µm MIN THK. OVER
NICKEL 1.27µm MIN THK.

4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED WITH PART NUMBER AND DATE CODE.

5 MAXIMUM BURR OF 0.013 ON CARD TAB AREA.

6 SET TRACE BACK FROM PC BOARD EDGE. NO SOLDERMASK ALLOWED BETWEEN PC BOARD EDGE AND TRACE.

7 CONNECTOR ACCEPTS 1.57±0.13 THICK PC BOARD.

8 KEEP OUT AREA FOR COMPONENTS ONLY.

9 FEATURE REQUIRED FOR USE WITH LATCH.

10 CAUTION:
LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR. DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING LATCHES, DAMAGE TO LATCHES AND OR CONNECTOR MAY OCCUR.

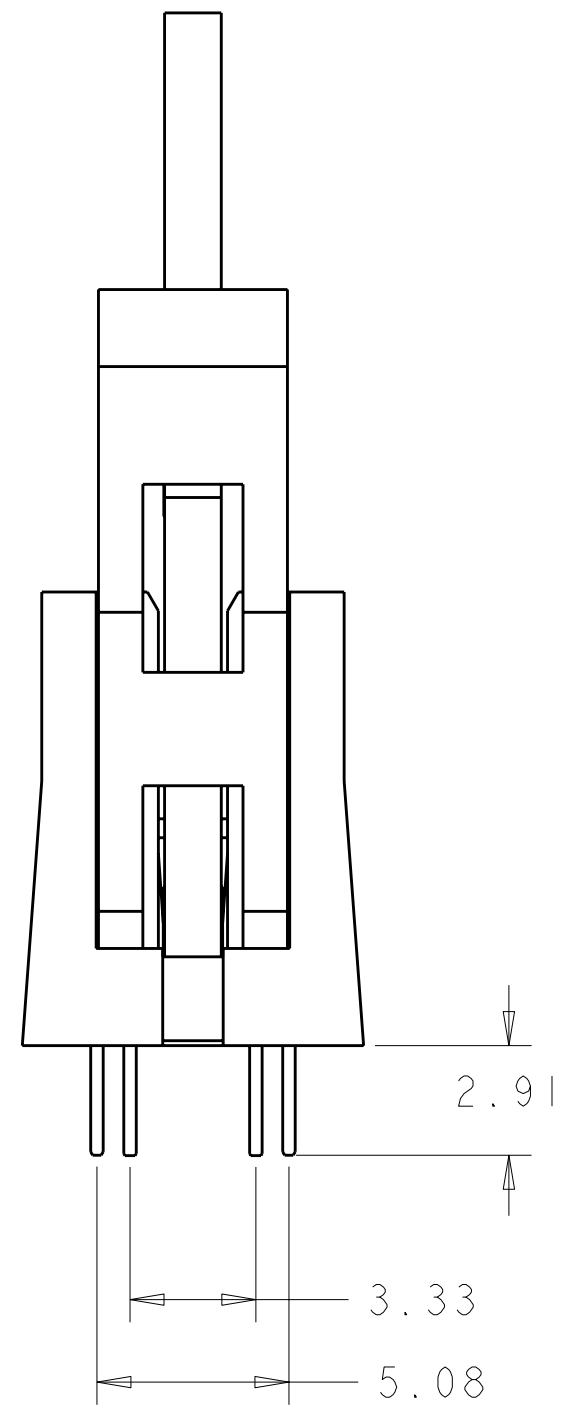
11 RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

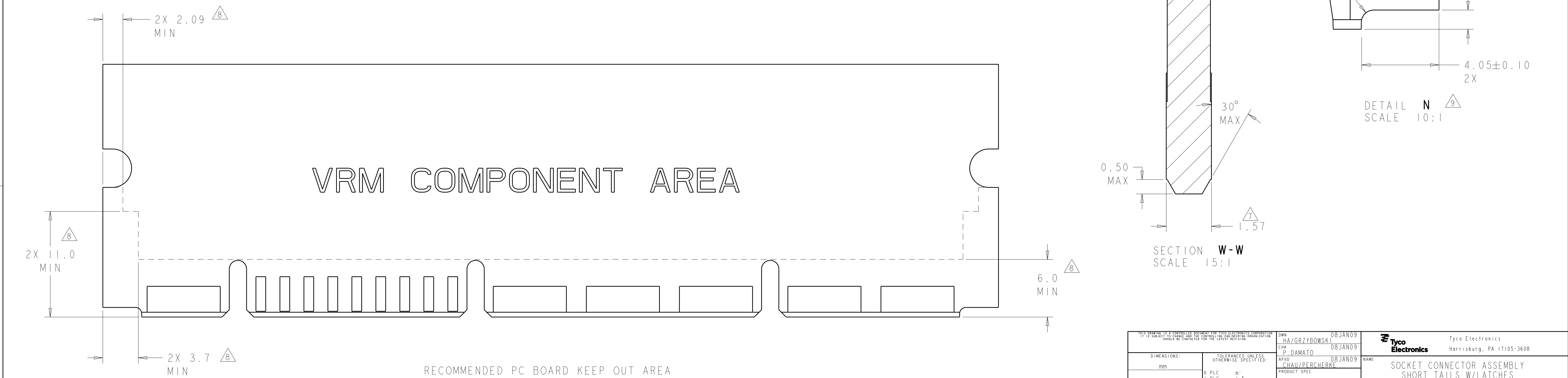
12. FOR DESIGN OBJECTIVES SEE 108-2301.

13 RECOMMENDED PRINTED CIRCUIT HOLE:
FINISHED HOLE: Ø1.02 ±.08
DRILLED HOLE: Ø1.15 ±.013
COPPER PLATE: .025 MIN. (PER SURFACE)
TIN PLATE: .008 MIN (PER SURFACE)

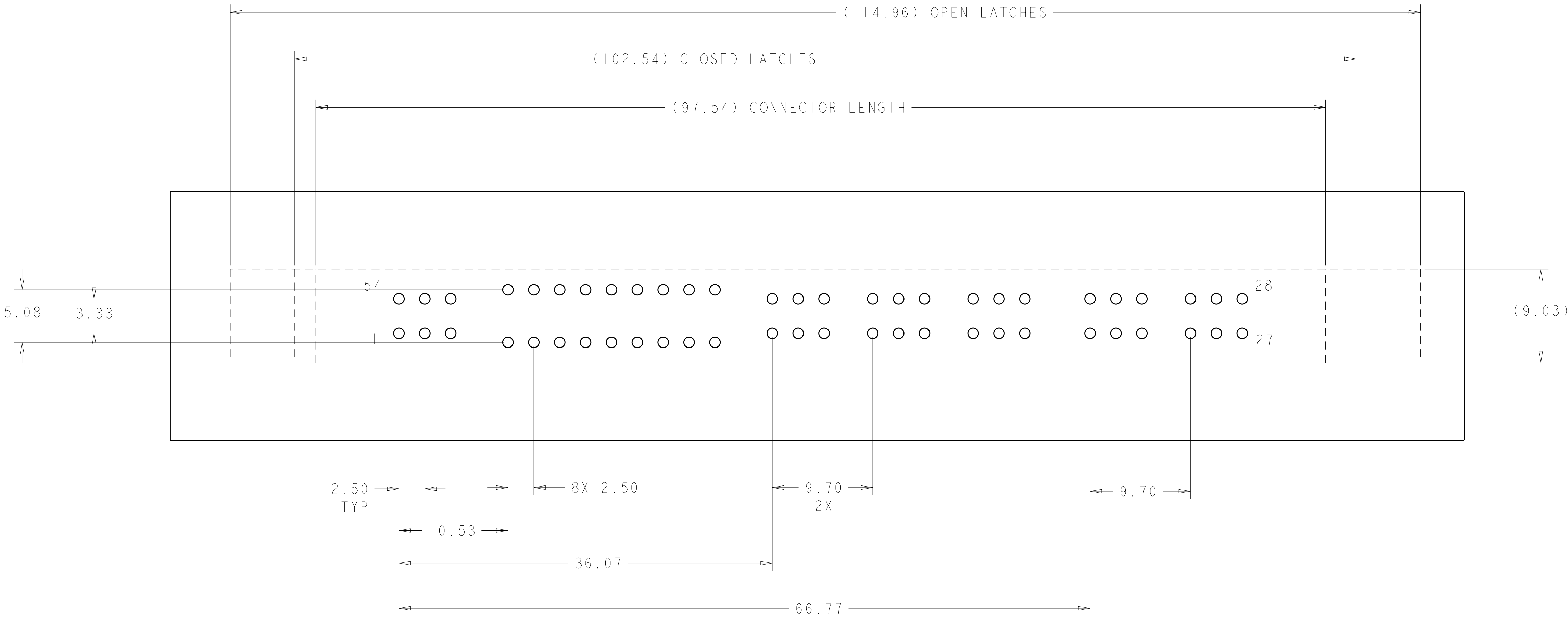
AS SHOWN	1651929-1
DESCRIPTION	PART NO.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN 08JAN09		Tyco Electronics	
mm		0 PLC ±.5		CHK 08JAN09		Harrisburg, PA 17105-3608	
1 PLC ±.5		2 PLC ±.25		P.DAMATO 08JAN09		NAME	
3 PLC ±.25		4 PLC ±.0000		CHAU/PERCHERRE		PRODUCT SPEC	
5 PLC ±.5		ANGLES		APVD		APPLICATION SPEC	
FINISH		WEIGHT		SIZE		CAGE CODE	
2		3		A100779		DRAWING NO	
CUSTOMER DRAWING		SCALE		5:1		SHEET	
						OF	
						4	
						REV	
						C	

AMP 4805 REV 31MAR2000



LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



RECOMMENDED P.C. BOARD GUIDELINE
AS VIEWED FROM CONNECTOR SIDE



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AMP 4805 REV 31MAR2000

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±.5

2 PLC ±.5

3 PLC ±.25

5 PLC ±.25

4 PLC ±.0000

ANGLES ±.5

FINISH

MATERIAL

-

FINISH

-

DWN

HA/GRZYBOWSKI

08JAN09

CHK

P.DAMATO

08JAN09

APVD

CHAU/PERCHERRE

08JAN09

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

NAME

SOCKET CONNECTOR ASSEMBLY

SHORT TAILS W/LATCHES

MC-P6S9 MINI CROWN EDGE

SIZE

A

CAGE CODE

100779

DRAWING NO

C=1651929

RESTRICTED TO

-

SCALE

5:1

SHEET

4

OF

4

REV

C

Tyco Electronics

Harrisburg, PA 17105-3608