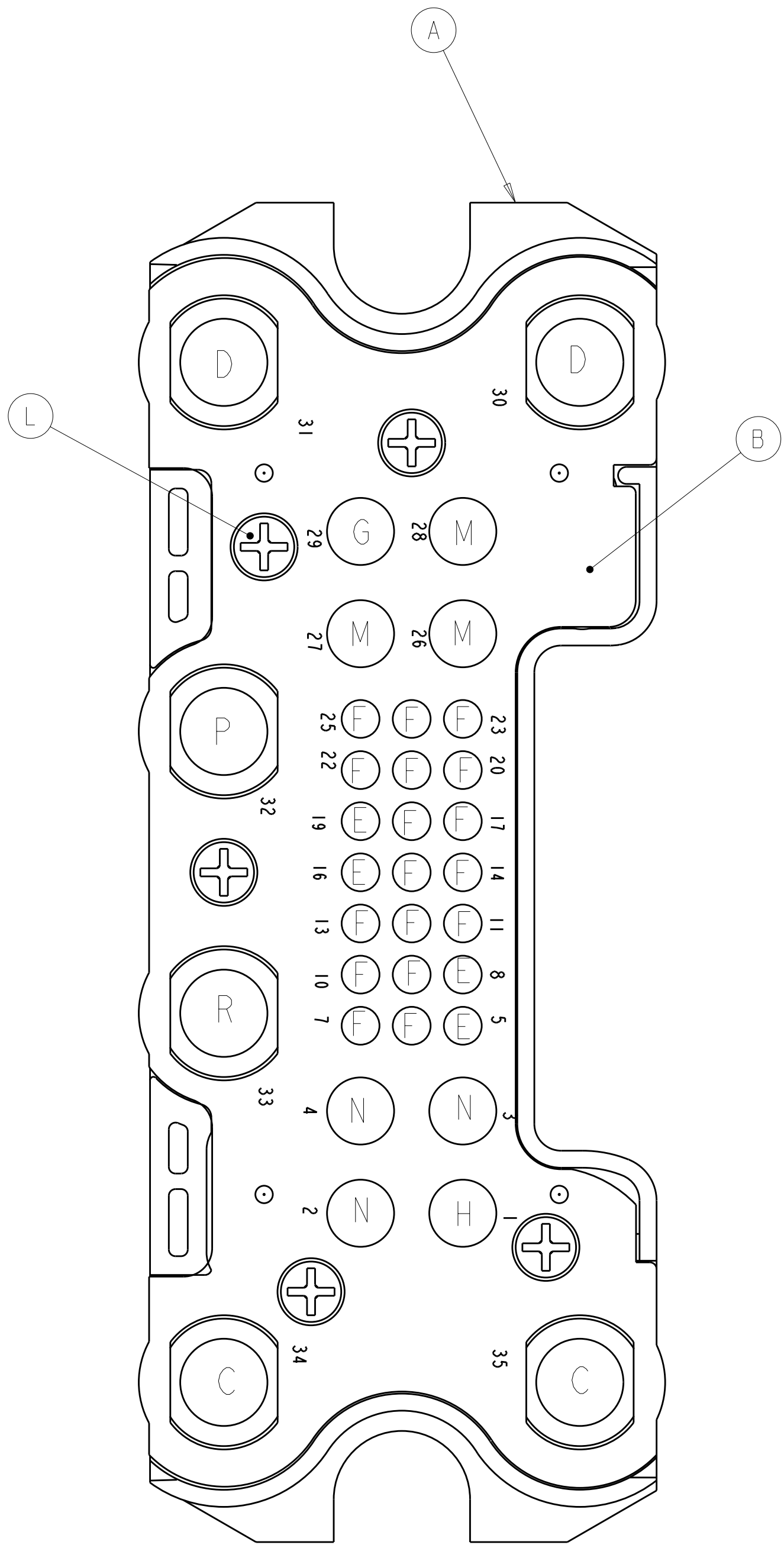
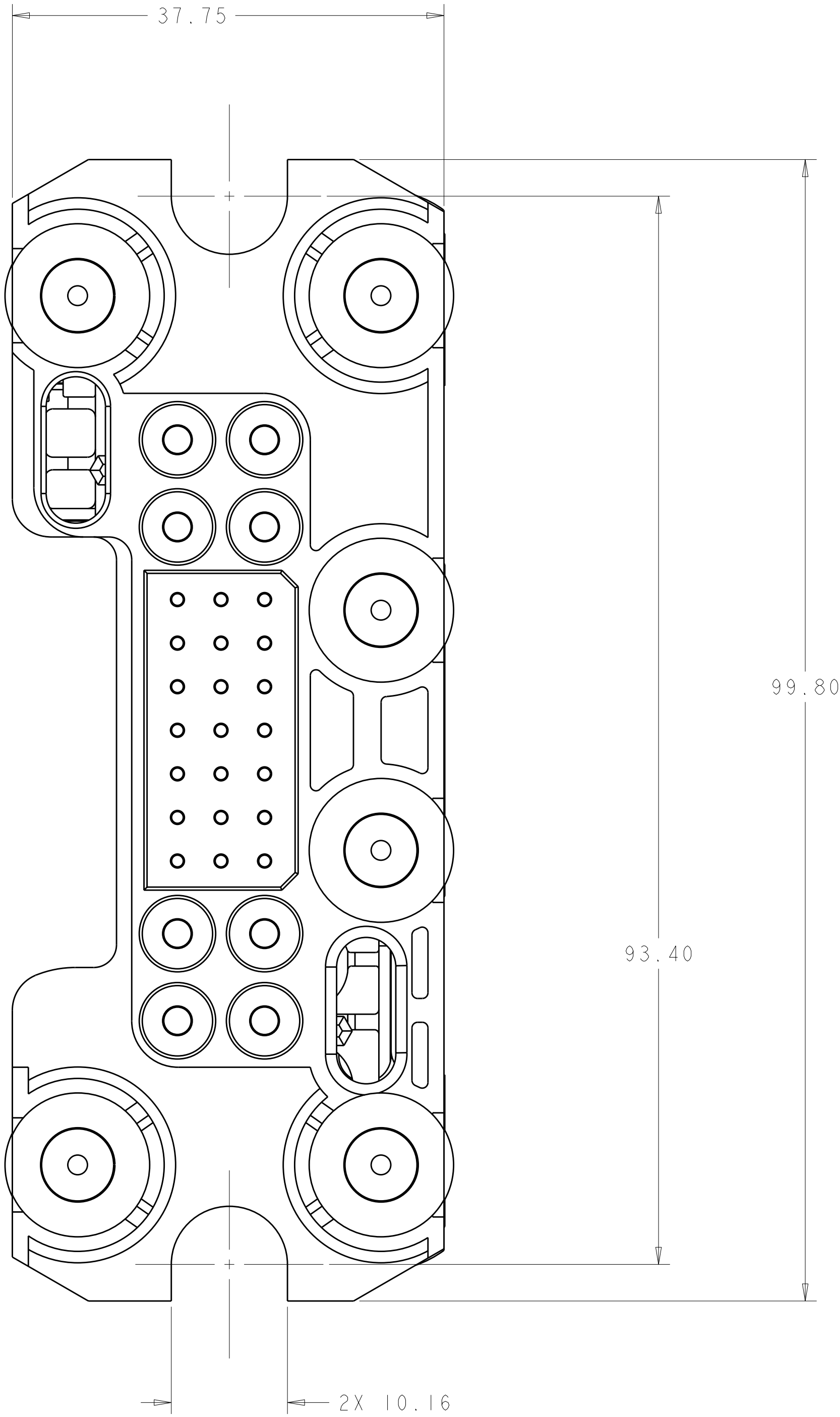
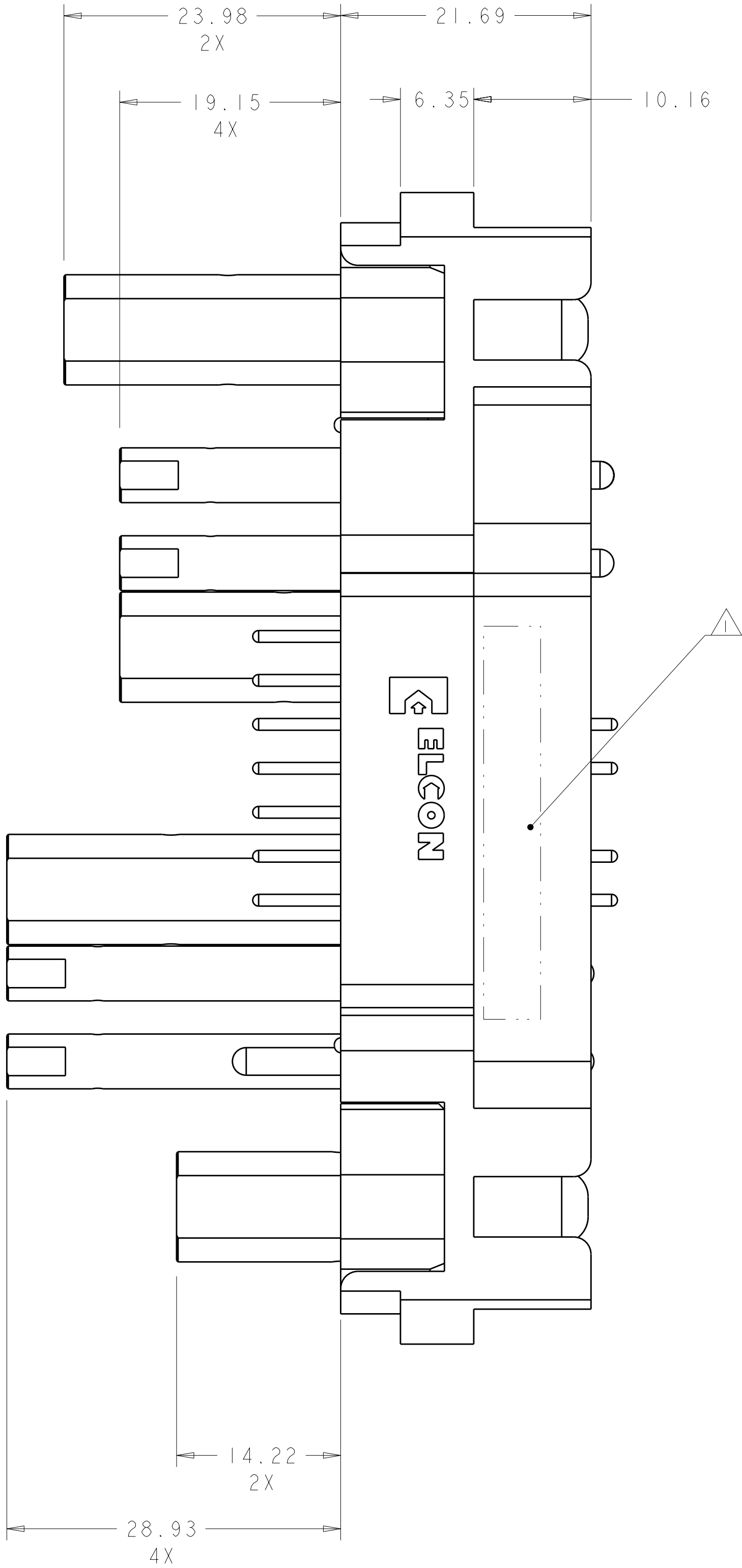


LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD	
			A	RELEASED		27MAR2009	RG	DO	
			B	REV PER ECO-09-014576		25JUN2009	RG	DO	
			C	REV PER EO-11-000358		14JAN2011	RG	DO	



REAR VIEW
CONTACTS REMOVED
FOR CLARITY



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		Tyco Electronics	
mm		9 PLC ±.5		R. GRZYBOWSKI		26MAR2009	
		2 PLC ±.5		D. ORRIS		26MAR2009	
		3 PLC ±.25		M. PERCHERET		26MAR2009	
		4 PLC ±.		PRODUCT SPEC		NAME	
		ANGLES ±.		108-2285		PIN CONNECTOR ASSEMBLY	
		FINISH		APPLICATION SPEC		SCREW MOUNT	
MATERIAL		114-13206		WEIGHT		CUSTOM DRAWER	
		CUSTOMER DRAWING		SCALE		3:1	
						SHEET	
						1	
						OF	
						2	
						REV	
						C	

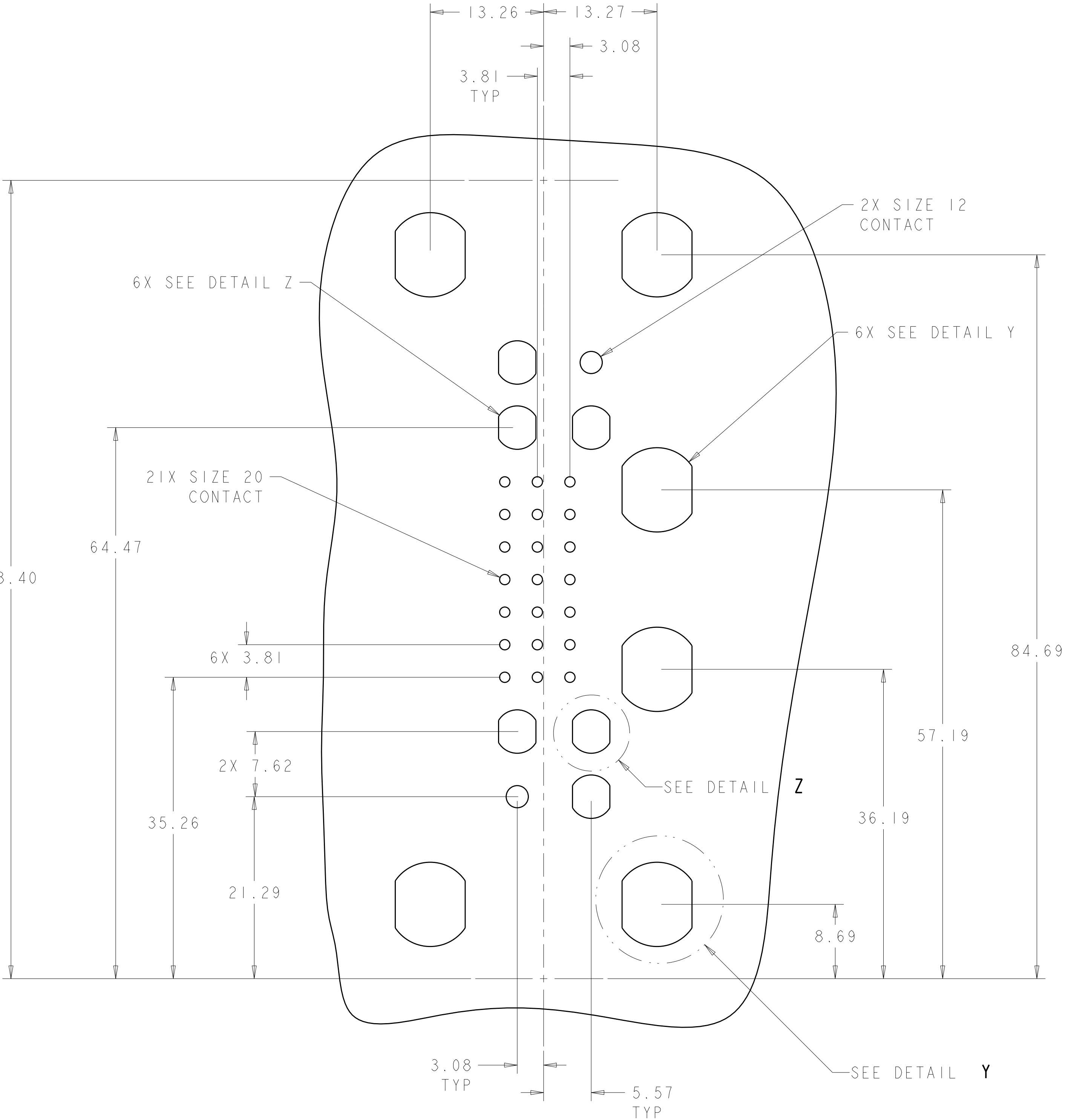
LOC		DIST		REVISIONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

D

C

B

A



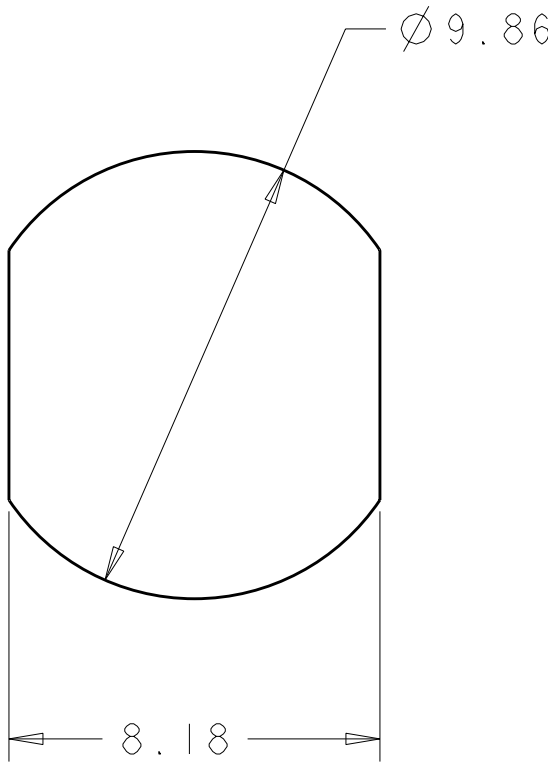
SUGGESTED PCB LAYOUT
VIEWED FROM CONNECTOR MOUNTING SIDE

HOLE SIZE No.20
FINISHED HOLE: $\varnothing 1.19 \pm 0.08$
DRILLED HOLE: $\varnothing 1.151 \pm 0.013$
COPPER PLATE: 0.025 MIN (PER SURFACE)
TIN PLATE: 0.076 MIN (PER SURFACE)

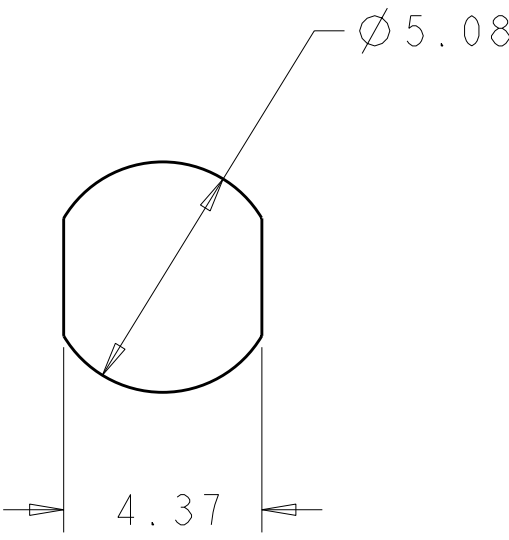
HOLE SIZE No.12
FINISHED HOLE: $\varnothing 2.59 \pm 0.08$
DRILLED HOLE: $\varnothing 2.705 \pm 0.013$
COPPER PLATE: 0.025 MIN (PER SURFACE)
TIN PLATE: 0.076 MIN (PER SURFACE)

HOLE SIZE No.12 THREADED POST
CLEARANCE HOLE: SEE DETAIL Z

HOLE SIZE No.4
CLEARANCE HOLE: SEE DETAIL Y



DETAIL Y
SCALE 6:1



DETAIL Z
SCALE 6:1

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

YEAR 1 WEEK 1
TYCO ELECTRONICS P/N DATE CODE (e.g. 0225)
XXXXXXX-X XXXX

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

MATERIAL:
INSULATOR: THERMOPLASTIC, GLASS REINFORCED, UL RATED 94V-0, COLOR: BLACK
PIN CONTACTS: COPPER ALLOY
RETENTION CLIPS: BERYLLIUM COPPER OR STAINLESS STEEL

FINISH:
SIZE No.20 CONTACTS: GOLD PLATE 0.76 μ m MIN THK OVER NICKEL 1.02 μ m MIN. THK
SIZE No.12 AND 4 CONTACTS: SILVER PLATE 5.08 μ m MIN THK. OVER NICKEL 1.02 μ m MIN THK

PCB TAILS CONTACTS ARE INSERTABLE/NONREMOVABLE:

SIZE No.20 (ITEM E) LOADED IN POSN. 5, 8, 16 & 19
SIZE No.20 (ITEM F) LOADED IN POSN 6, 7, 9 THRU 15, 17, 18, 20 THRU 25

SIZE No.12 (ITEM H) LOADED IN POSN 1
SIZE No.12 (ITEM G) LOADED IN POSN 29
SIZE No.4 (ITEM D) LOADED IN POSN 30 AND 31
SIZE No.4 (ITEM C) LOADED IN POSN 34 AND 35
SIZE No.4 (ITEM R) LOADED IN POSN 33
SIZE No.4 (ITEM P) LOADED IN POSN 32
SIZE No.12 (ITEM N) LOADED IN POSN 2 THRU 4
SIZE No.12 (ITEM M) LOADED IN POSN 26 THRU 28

15 in lbs MAX. TORQUE APPLIED ON SIZE 1/4 PIN CONTACT.

1	2085209-1	CONTACT, 1/4" TAPPED M5	R
1	2085208-1	CONTACT, 1/4" TAPPED M5	P
3	2085210-1	CONTACT, No.12, POSTMATE	N
3	2085210-2	CONTACT, No.12, PREMATE	M
5	1766849-1	SCREW, SELF TAPPING	L
8	1650489-1	CLIP, RETENTION, No.12	K
21	1650484-1	CLIP, RETENTION, No.20	J
1	1766217-2	CONTACT, No.12, PCB TAIL	H
1	1766217-1	CONTACT, No.12, PCB TAIL, PREMATE	G
17	1650195-4	CONTACT, No.20, PCB TAIL	F
4	1650195-2	CONTACT, No.20, PCB TAIL, PREMATE	E
2	2085207-1	CONTACT, 1/4" TAPPED M5	D
2	1766228-1	CONTACT, 1/4" TAPPED M5, 35.66mm LG	C
1	1651798-1	HOUSING, PIN, REAR INSERT	B
1	1651797-1	HOUSING, PIN, FRONT	A
-1	PART NO.	DESCRIPTION	ITEM

THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF THIS DRAWING IS PROHIBITED AND WILL BE CONSIDERED A VIOLATION OF THE PATENT RIGHTS OF TYCO ELECTRONICS CORPORATION.		DWN R. GRZYBOWSKI 26MAR2009	Tyco Electronics Harrisburg, PA 17105-3608	
CHK D. ORRIS 26MAR2009		APVD M. PERCHERET 26MAR2009	NAME PIN CONNECTOR ASSEMBLY SCREW MOUNT CUSTOM DRAWER	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC $\pm .5$ 1 PLC $\pm .5$ 5 PLC $\pm .25$ 4 PLC $\pm .1$ ANGLES $\pm .1$ FINISH	PRODUCT SPEC 108-2285 APPLICATION SPEC 114-13206	
MATERIAL -		WEIGHT -	SIZE A100779C=2085205	
CUSTOMER DRAWING		SCALE 3:1	SHEET 2 OF 2	REV C

D

C

B

A

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2085205-1](#)