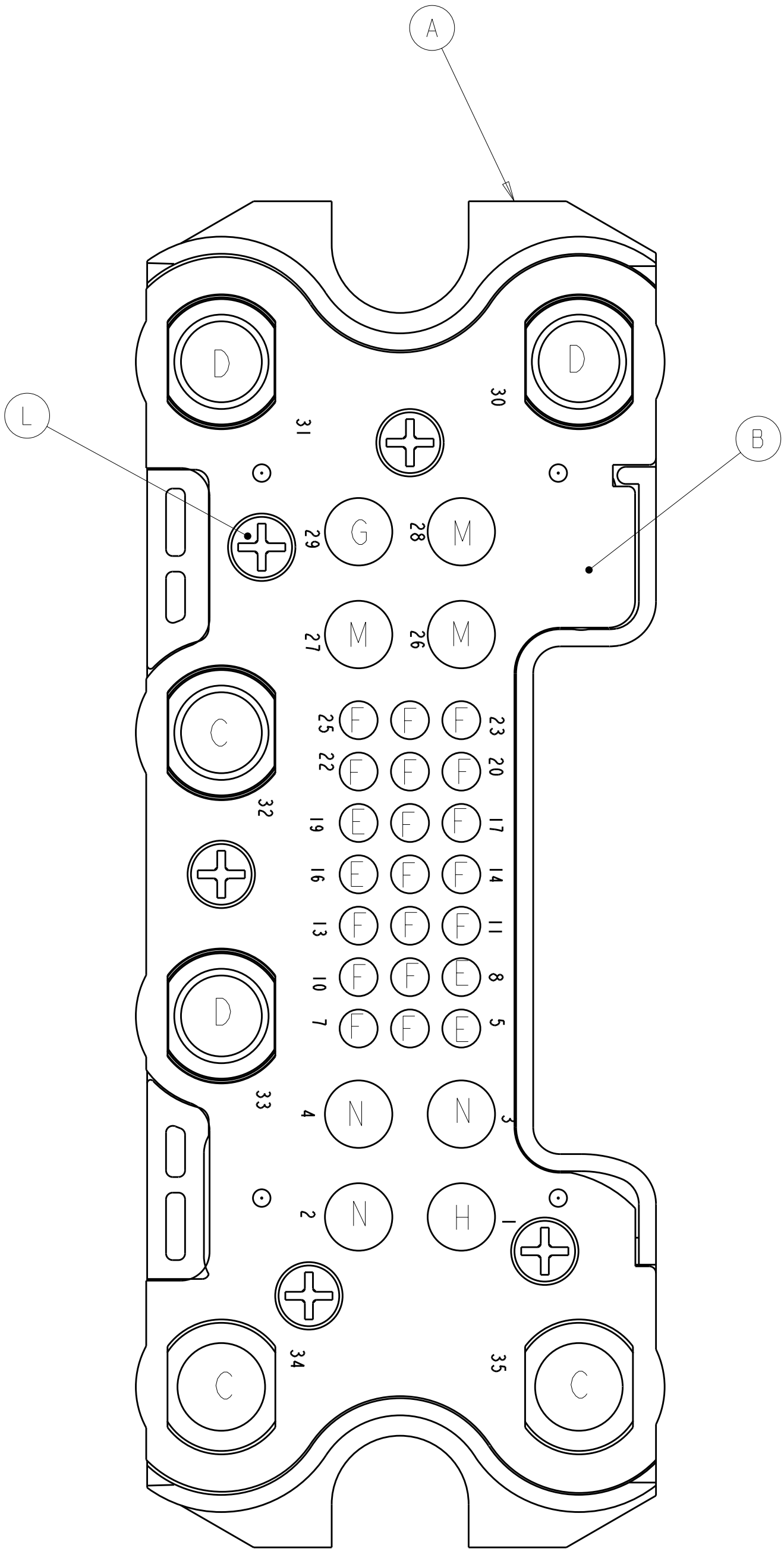
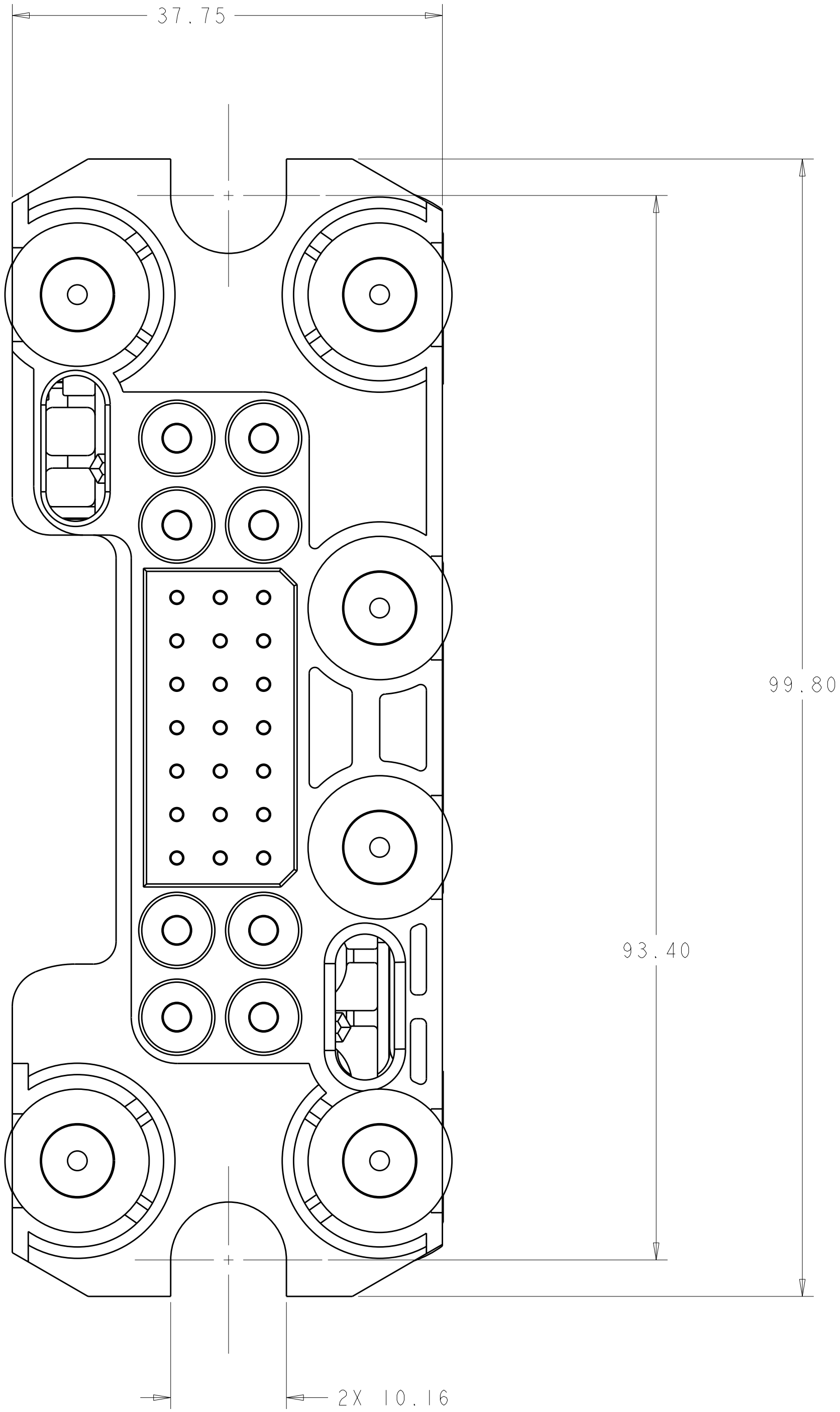
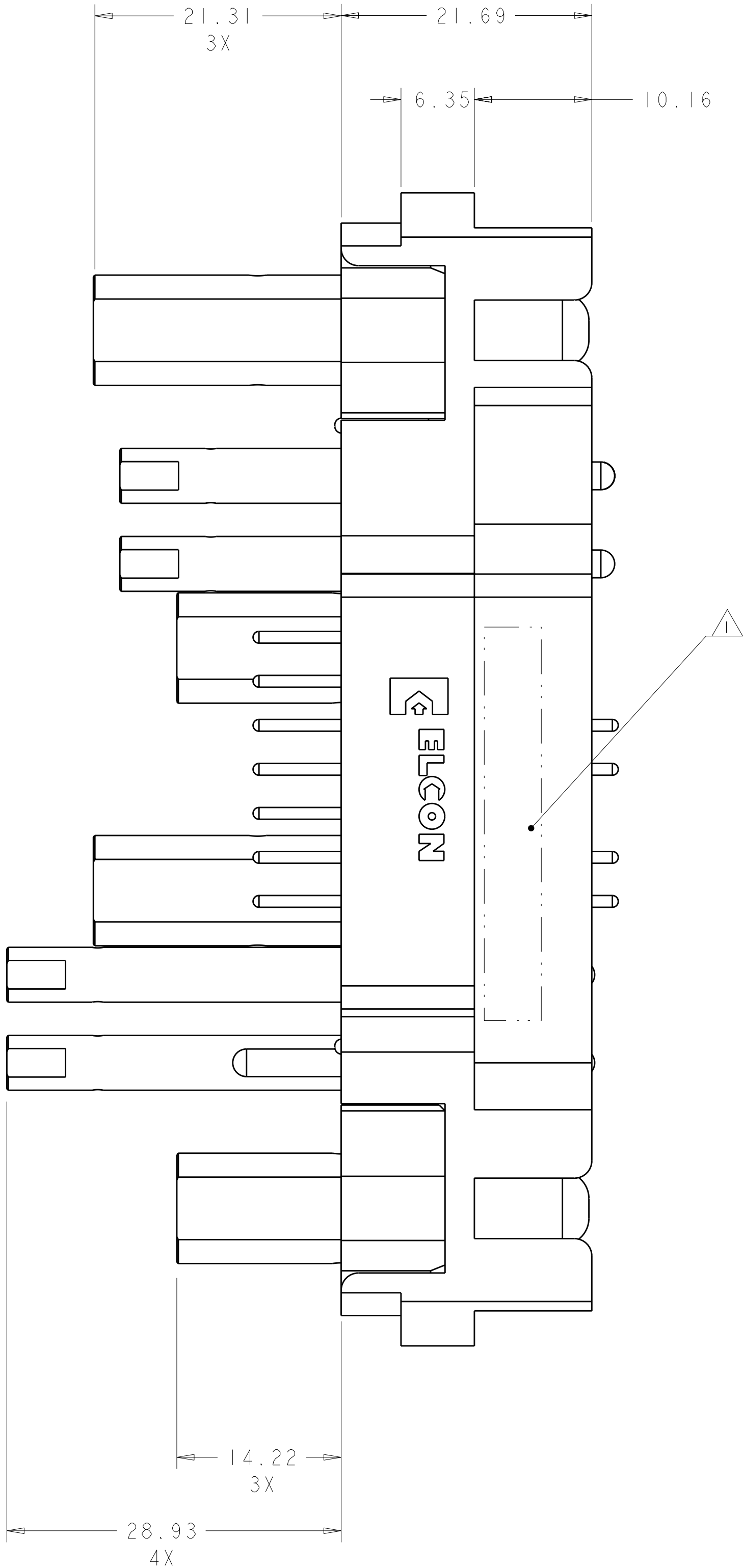


LOC		DIST		REVISONS				
GP		00		REV	DESCRIPTION	DATE	DWN	APVD
				D	REV PER ECO-09-014576	25JUN2009	RG	DO
				E	REV PER ECO-11-000358	14JAN2011	RG	DO



REAR VIEW
CONTACTS REMOVED
FOR CLARITY



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DIMENSIONS:				CHK D. ORRIS 26MAR2009	NAME			
mm				APVD M. PERCHERET 26MAR2009	PIN CONNECTOR ASSEMBLY SCREW MOUNT CUSTOM DRAWER			
TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC	SIZE			
0 PLC ±.5				108-2285	CAGE CODE			
2 PLC ±.5				APPLICATION SPEC	DRAWING NO			
3 PLC ±.25				114-13206	RESTRICTED TO			
4 PLC ±.5				WEIGHT	A100779C=1926232			
ANGLES				CUSTOMER DRAWING	SCALE			
FINISH				3:1	SHEET			
MATERIAL				1	OF			
				2	REV			
				E				

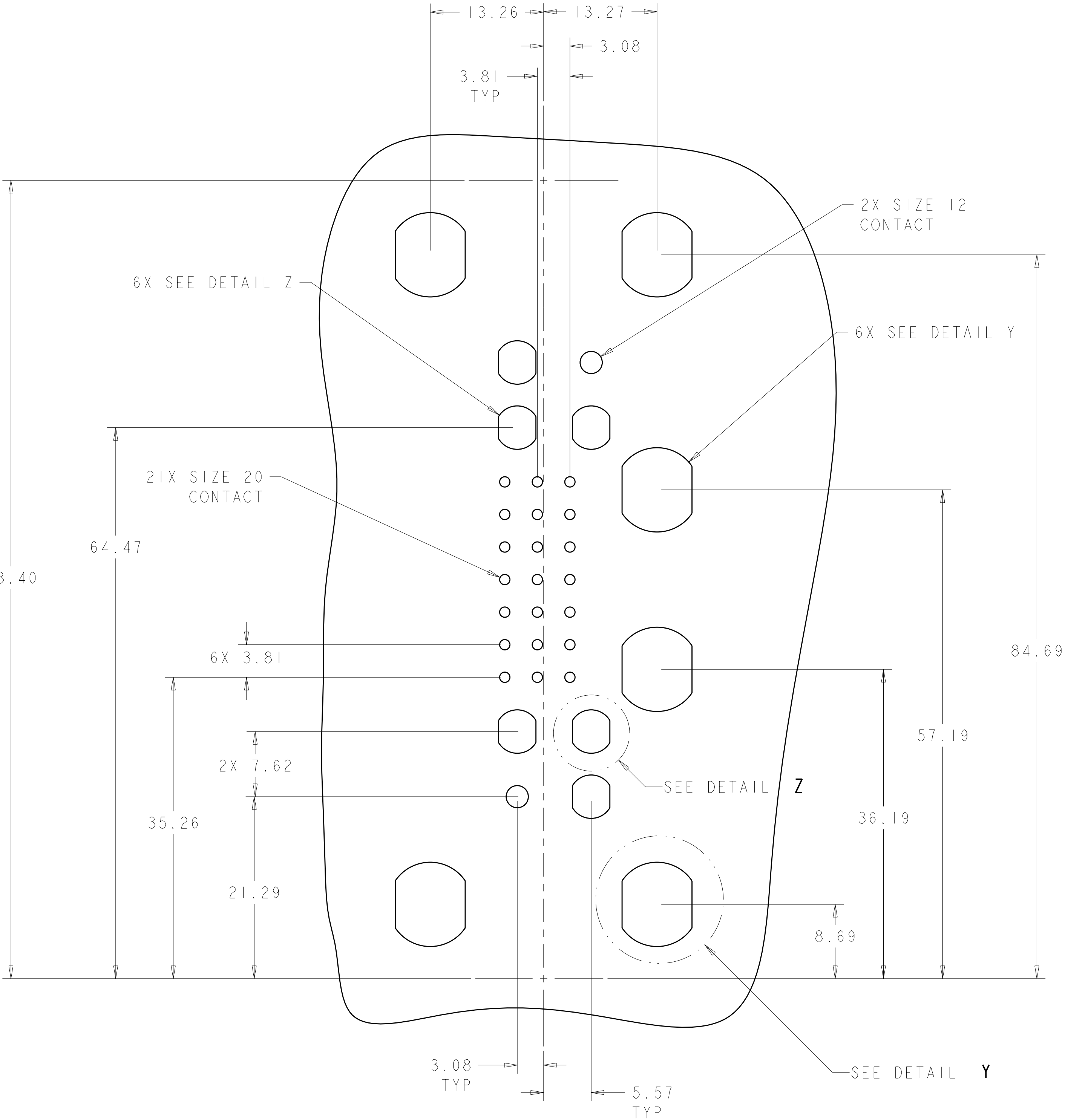
LOC		DIST		REVISIONS			
GP	00	F	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

D

C

B

A



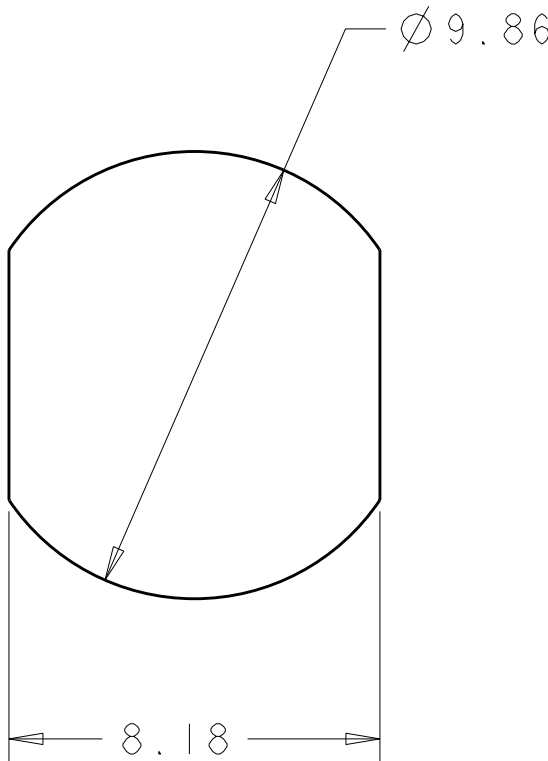
SUGGESTED PCB LAYOUT
VIEWED FROM CONNECTOR MOUNTING SIDE

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)

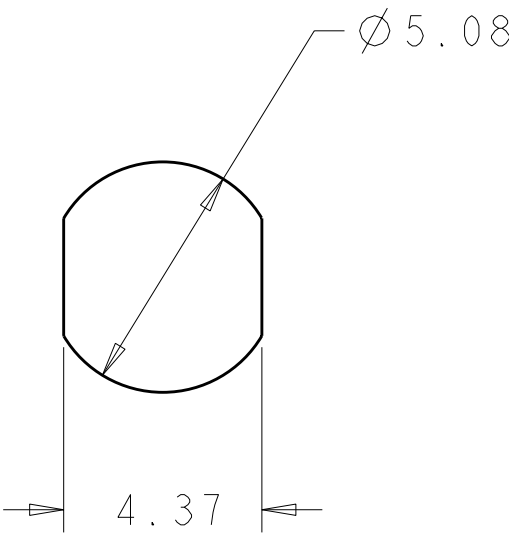
HOLE SIZE No.12
FINISHED HOLE: $\varnothing 2.59 \pm 0.08$
DRILLED HOLE: $\varnothing 2.705 \pm 0.013$
COPPER PLATE: 0.025 MIN (PER SURFACE)
TIN PLATE: 0.076 MIN (PER SURFACE)

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

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

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

4. 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

5. 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

6. 15 in lbs MAX. TORQUE APPLIED ON SIZE 1/4 PIN CONTACT.

3	1926345-1	CONTACT, No.12, POSTMATE	N
3	1926345-2	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
3	1766229-1	CONTACT, 1/4" TAPPED M5, 42.88 mm LG	D
3	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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R.GRZYBOWSKI 26MAR2009		Tyco Electronics Harrisburg, PA 17105-3608	
mm		9 PLC $\pm .5$ 2 PLC $\pm .5$ 3 PLC $\pm .25$ 5 PLC $\pm .25$ 4 PLC $\pm .25$		CHK D.ORRIS 26MAR2009		NAME	
		FINISH		APVD M.PERCHEM 26MAR2009		PRODUCT SPEC	
MATERIAL		FINISH		APPLICATION SPEC		108-2285	
-		-		114-13206		SIZE CAGE CODE DRAWING NO	
-		-		WEIGHT		A100779C=1926232	
-		-		CUSTOMER DRAWING		RESTRICTED TO	
-		-		SCALE 3:1		SHEET 2 OF 2	
-		-		REV E			

Mouser Electronics

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[TE Connectivity:](#)

[1926232-1](#)