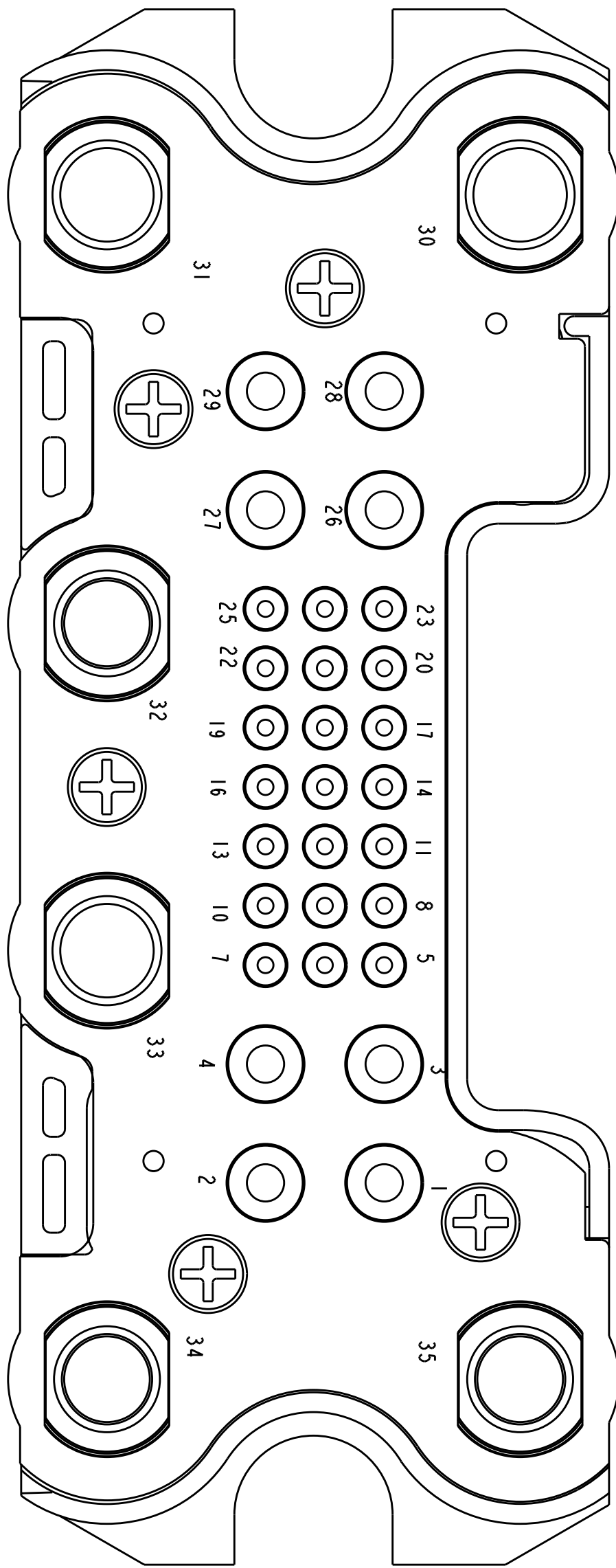
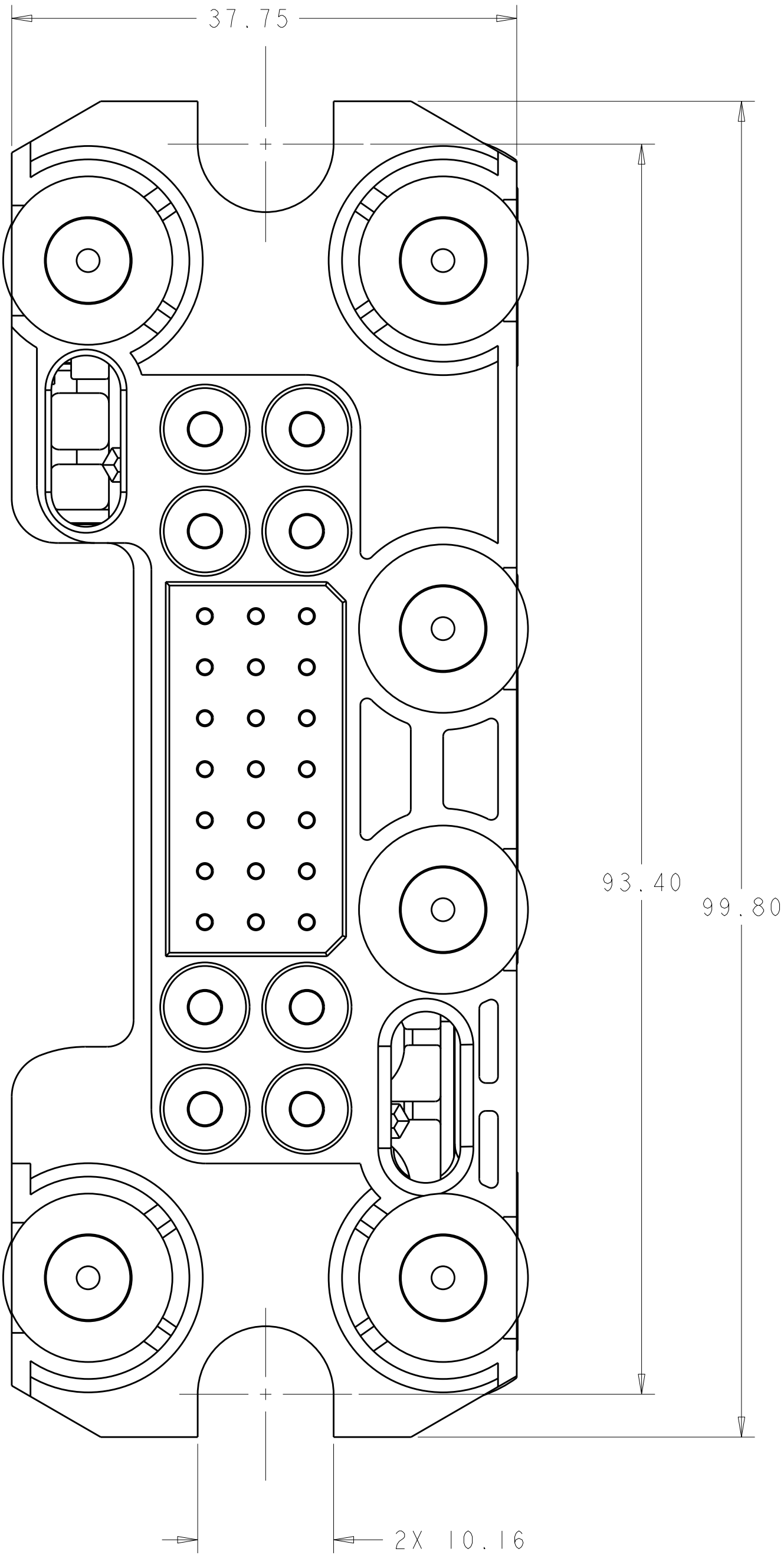
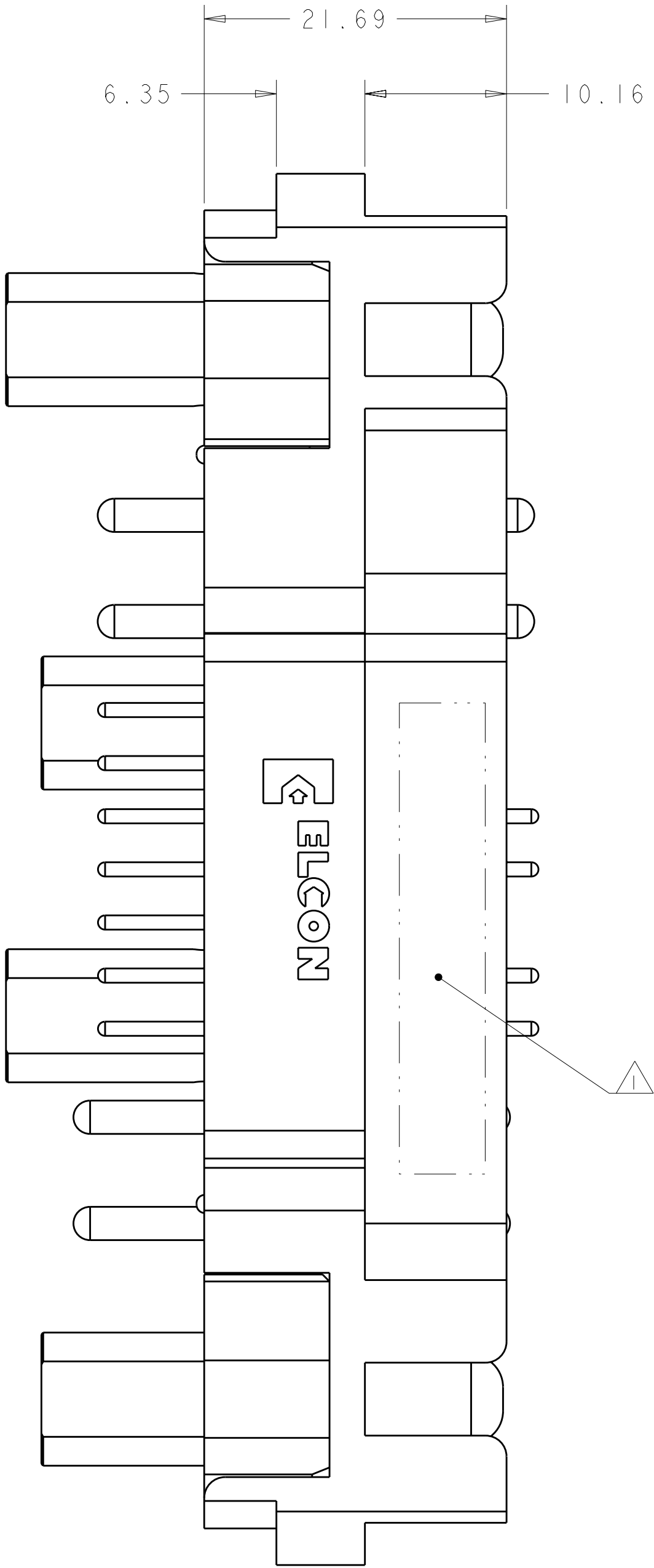


LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				A		RELEASED	21 JUL 2009	RG	DO
				B		REV PER ECO-11-000358	14 JAN 2011	RG	DO

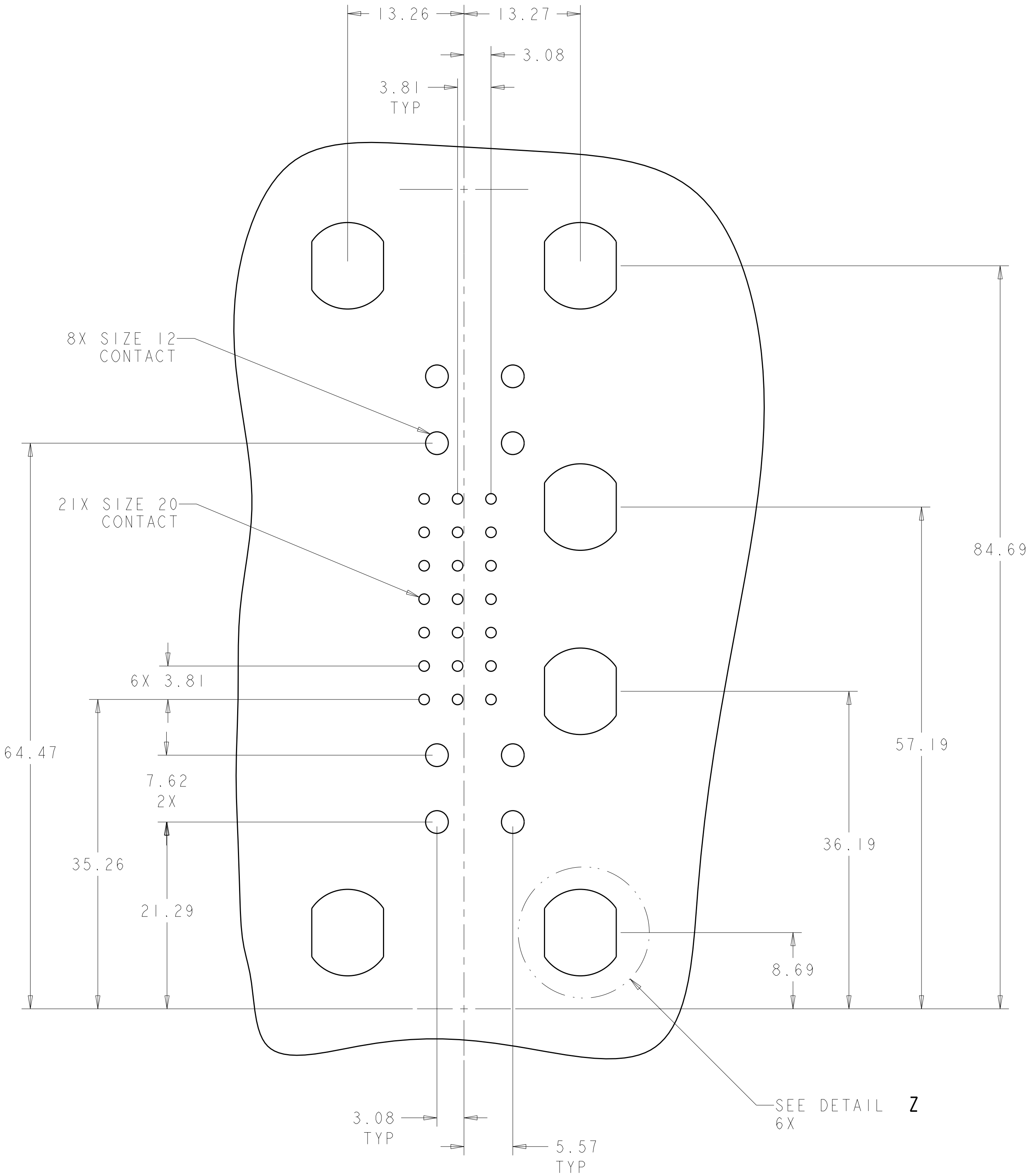


REAR FACE



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DIMENSIONS:		CHK D. ORRIS 21JUL2009	NAME	
mm		APVD M. PERCHERET 21JUL2009	PIN CONNECTOR ASSEMBLY SCREW MOUNT CUSTOM DRAWER, CAT65	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE	
0 PLC ±.3		108-2285	CAGE CODE	
1 PLC ±.3		APPLICATION SPEC	DRAWING NO	
2 PLC ±.25		114-13206	RESTRICTED TO	
3 PLC ±.25		WEIGHT	A100779C=1926037	
4 PLC ±.25		FINISH	CUSTOMER DRAWING	
ANGLES		SCALE	3:1	
MATERIAL		SHEET	1 OF 2	
FINISH		REV	B	

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

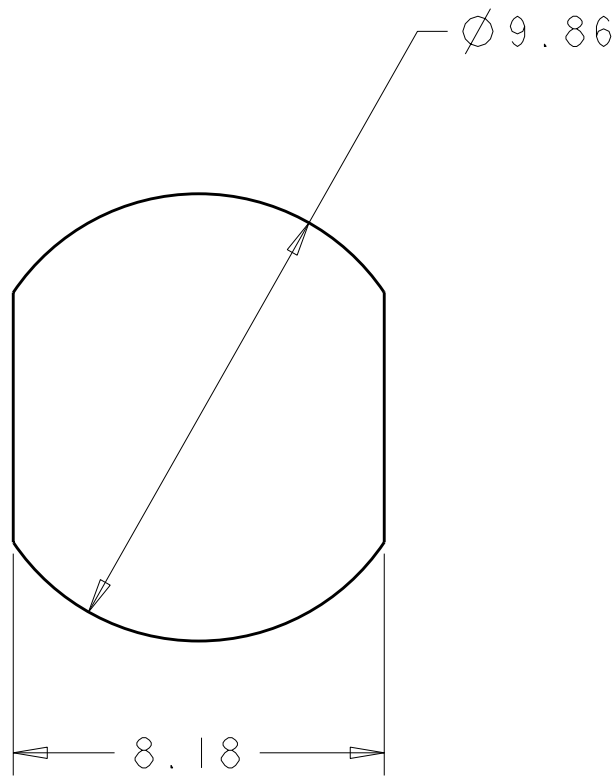


SUGGESTED PCB LAYOUT
VIEWED FROM CONNECTOR MOUNTING SIDE

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.4
CLEARANCE HOLE: SEE DETAIL Y



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)
XXXXXX-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 0.76µm MIN THK OVER NICKEL 1.02µm MIN. THK
SIZE No.12 AND 4 CONTACTS: SILVER PLATE 5.08µm MIN THK. OVER NICKEL 1.02µm MIN THK

⚠ 5. PCB TAILS CONTACTS ARE INSERTABLE/NONREMOVABLE:
SIZE No.20 (ITEM E) LOADED IN POSN. 5, 8, 16 AND 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 THRU 4
SIZE No.12 (ITEM G) LOADED IN POSN 26 THRU 29
SIZE No.4 (ITEM D) LOADED IN POSN 30, 31 AND 33
SIZE No.4 (ITEM C) LOADED IN POSN 32, 34 AND 35

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

5	1766849-1	SCREW, SELF TAPPING	L
8	1650489-1	CLIP, RETENTION, No.12	K
21	1650484-1	CLIP, RETENTION, No.20	J
4	1766217-2	CONTACT, No.12, PCB TAIL	H
4	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	1766228-1	CONTACT, 1/4" TAPPED M5, 35.66mm LG	D
3	1766227-1	CONTACT, 1/4" TAPPED M5, 33.12mm LG	C
1	1651798-1	HOUSING, PIN, REAR INSERT	B
1	1651797-1	HOUSING, PIN, FRONT	A
-1	PART NO.	DESCRIPTION	ITEM

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© 2009 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.		CHK D. ORRIS 21 JUL 2009		NAME	
		APVD M. PERCHERET 21 JUL 2009		PRODUCT SPEC	
				108-2285	
				APPLICATION SPEC	
				114-13206	
				SIZE CAGE CODE DRAWING NO	
				A100779C=1926037	
				RESTRICTED TO	
				-	
				CUSTOMER DRAWING	
				SCALE 3:1 SHEET 2 OF 2 REV B	