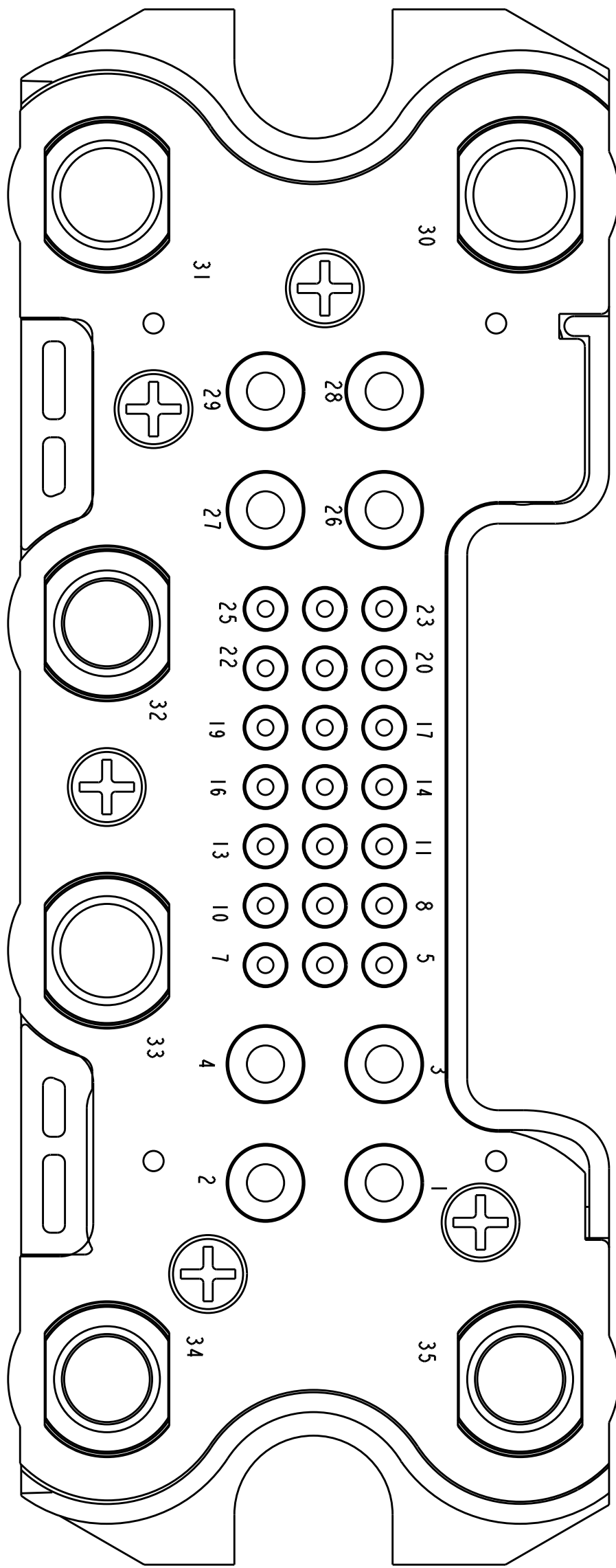


D

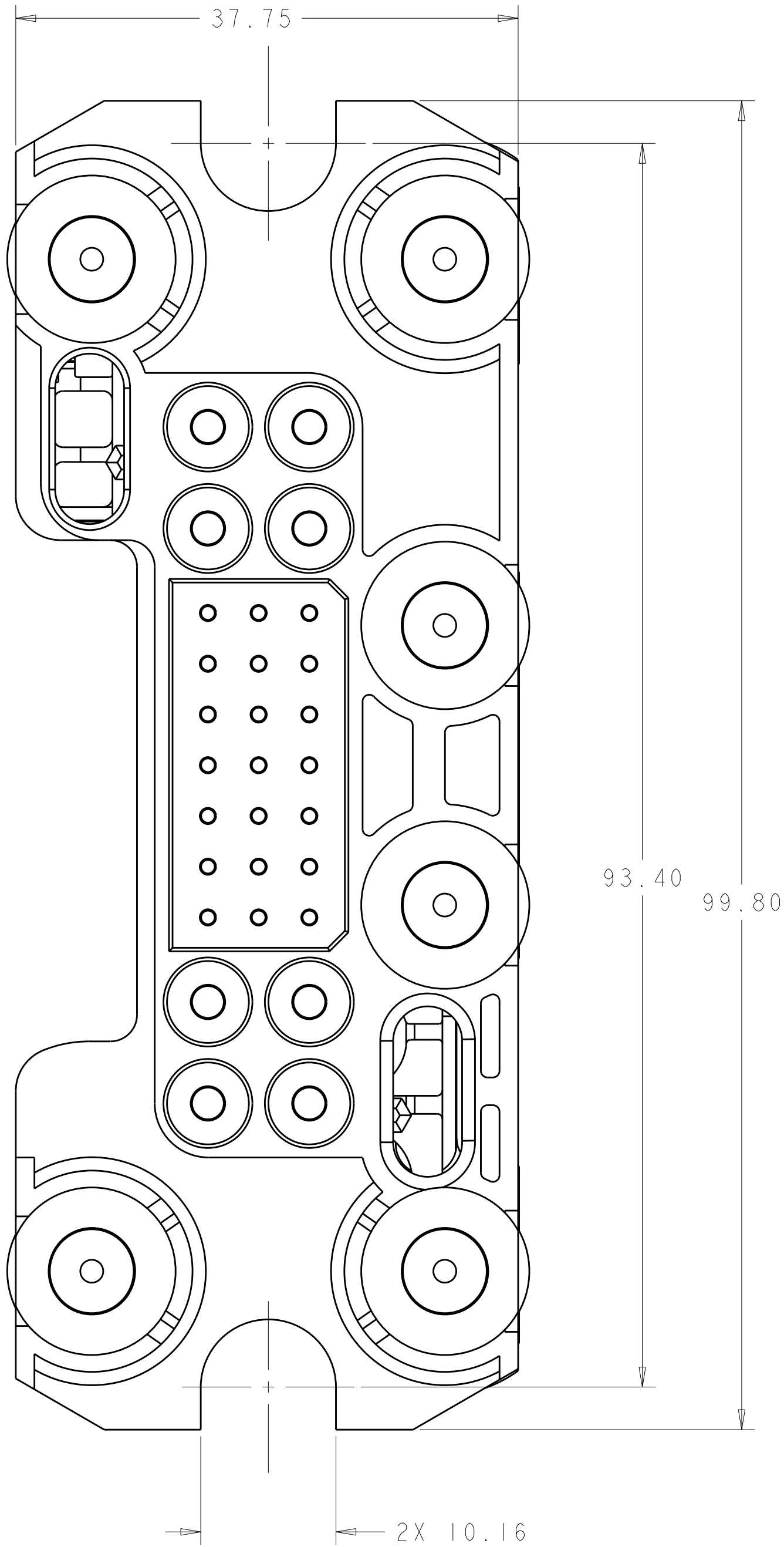
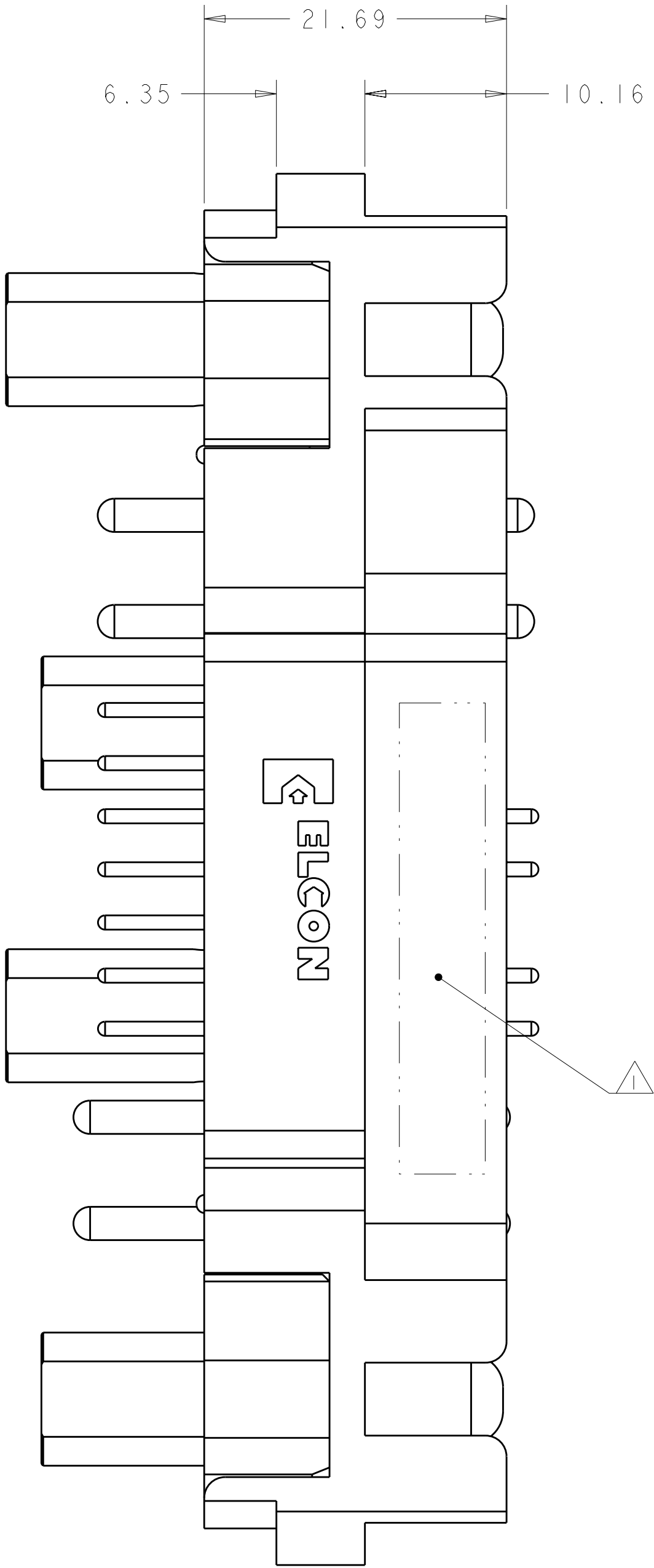
C

B

A



REAR FACE



LOC		DIST		REVISIONS						
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD	
				A		RELEASED	21JUL2009	RG	DO	
				B		REV PER ECO-11-000358	14JAN2011	RG	DO	

D

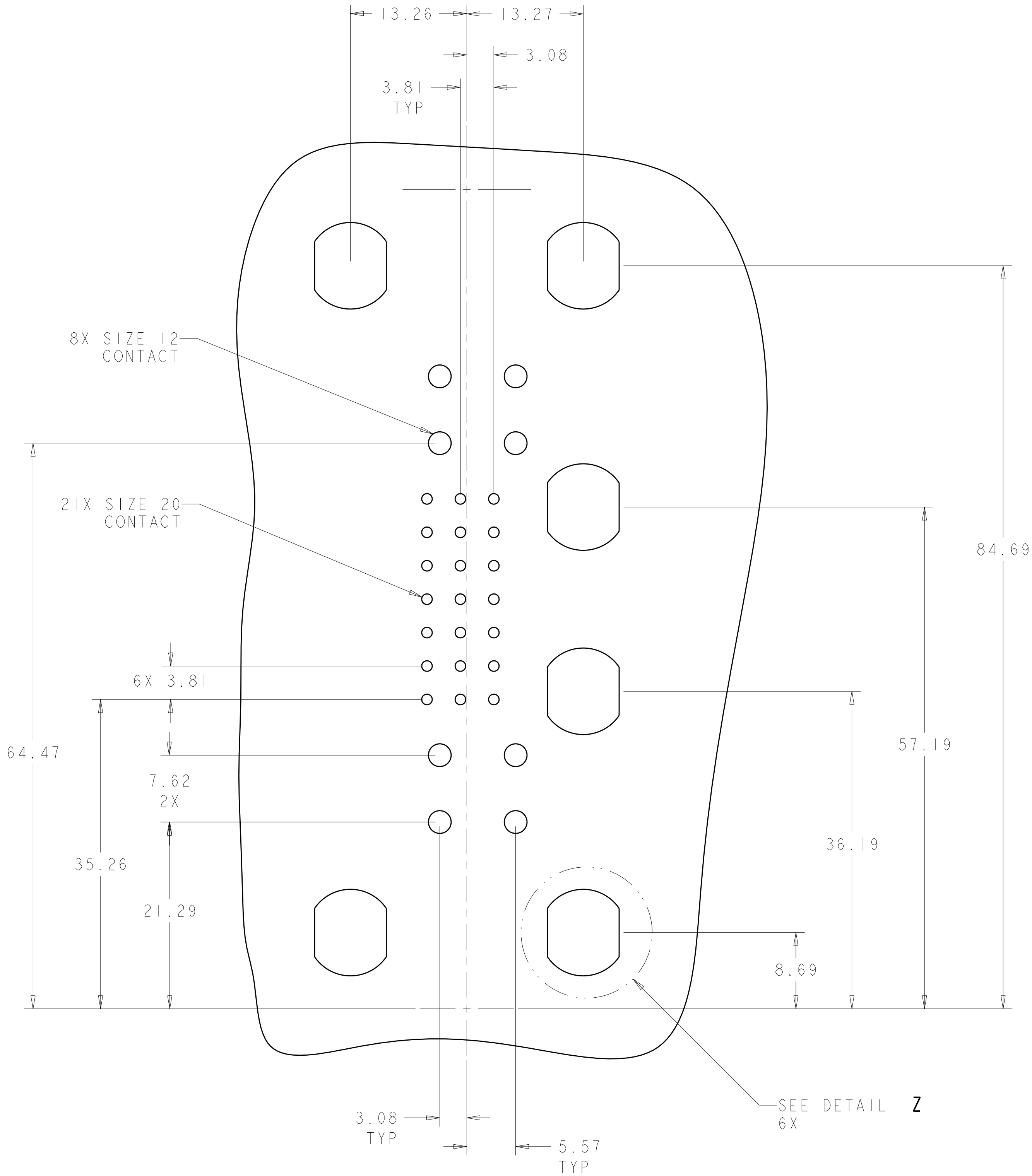
C

B

A

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.3 2 PLC ±.3 3 PLC ±.25 4 PLC ±.25 ANGLES ±.5 FINISH		NAME PIN CONNECTOR ASSEMBLY SCREW MOUNT CUSTOM DRAWER, CAT65	
MATERIAL 3		PRODUCT SPEC 108-2285 APPLICATION SPEC 114-13206 WEIGHT -		SIZE A100779	
CUSTOMER DRAWING		SCALE 3:1		SHEET 1 OF 2	
				REV B	

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

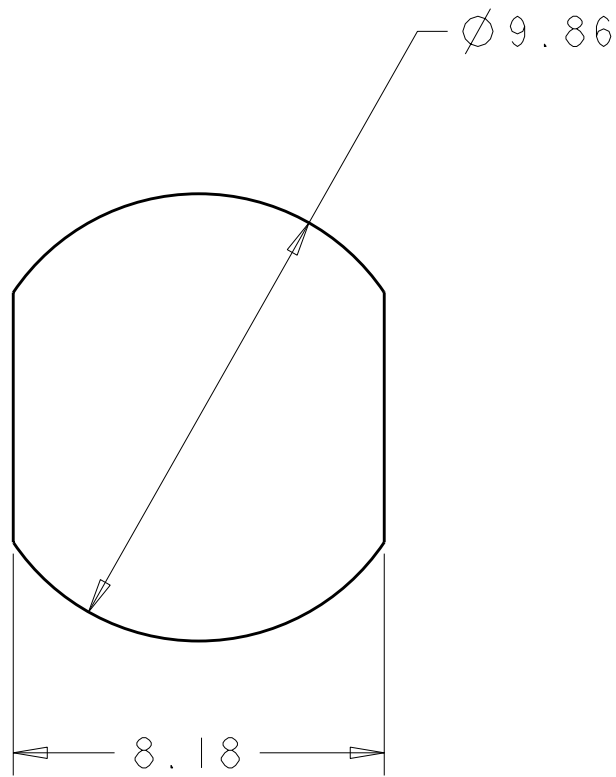


SUGGESTED PCB LAYOUT
VIEWED FROM CONNECTOR MOUNTING SIDE

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 0.76 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 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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© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.		CHK D. ORRIS 21 JUL 2009		NAME	
		APVD M. PERCHERRE 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	

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