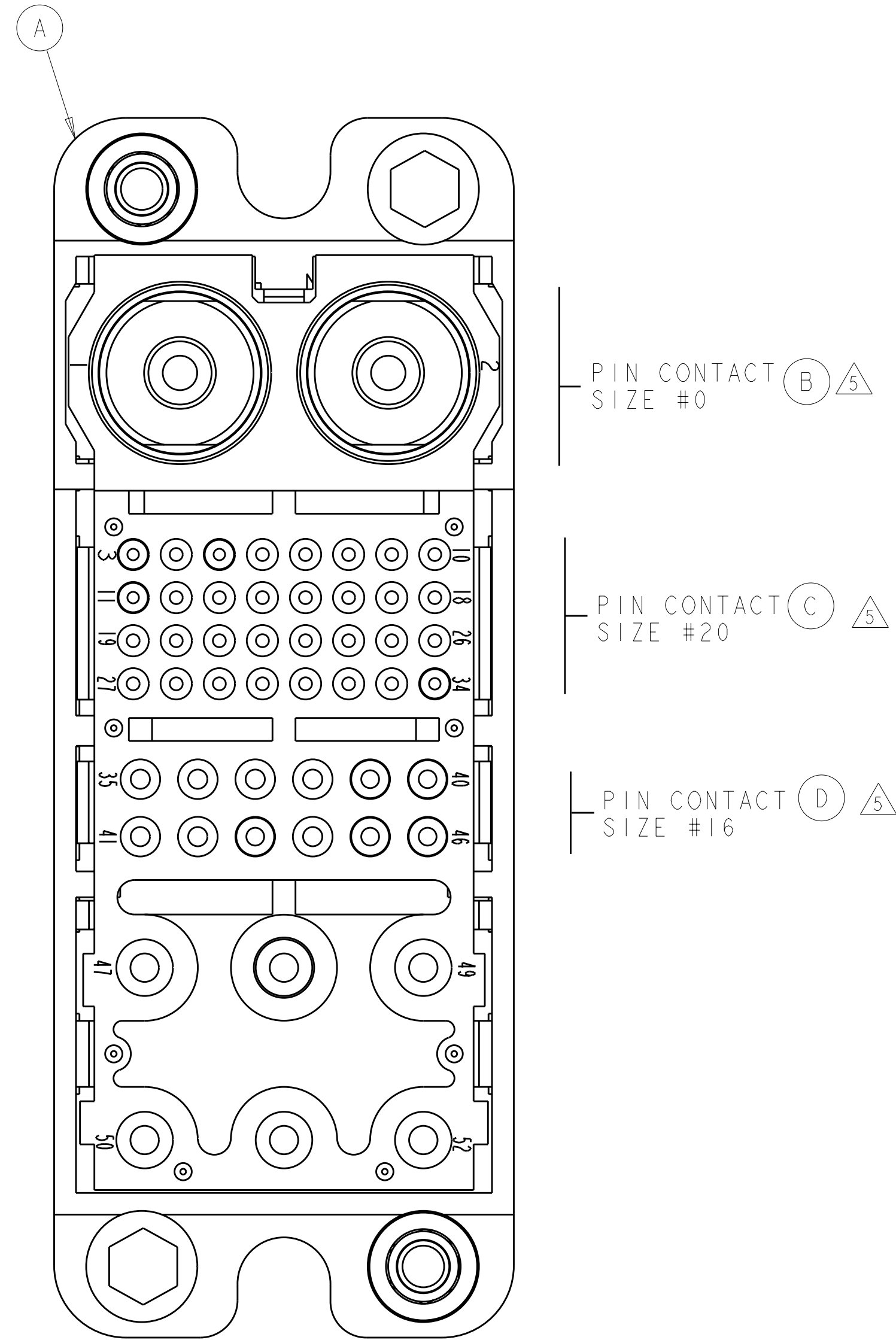
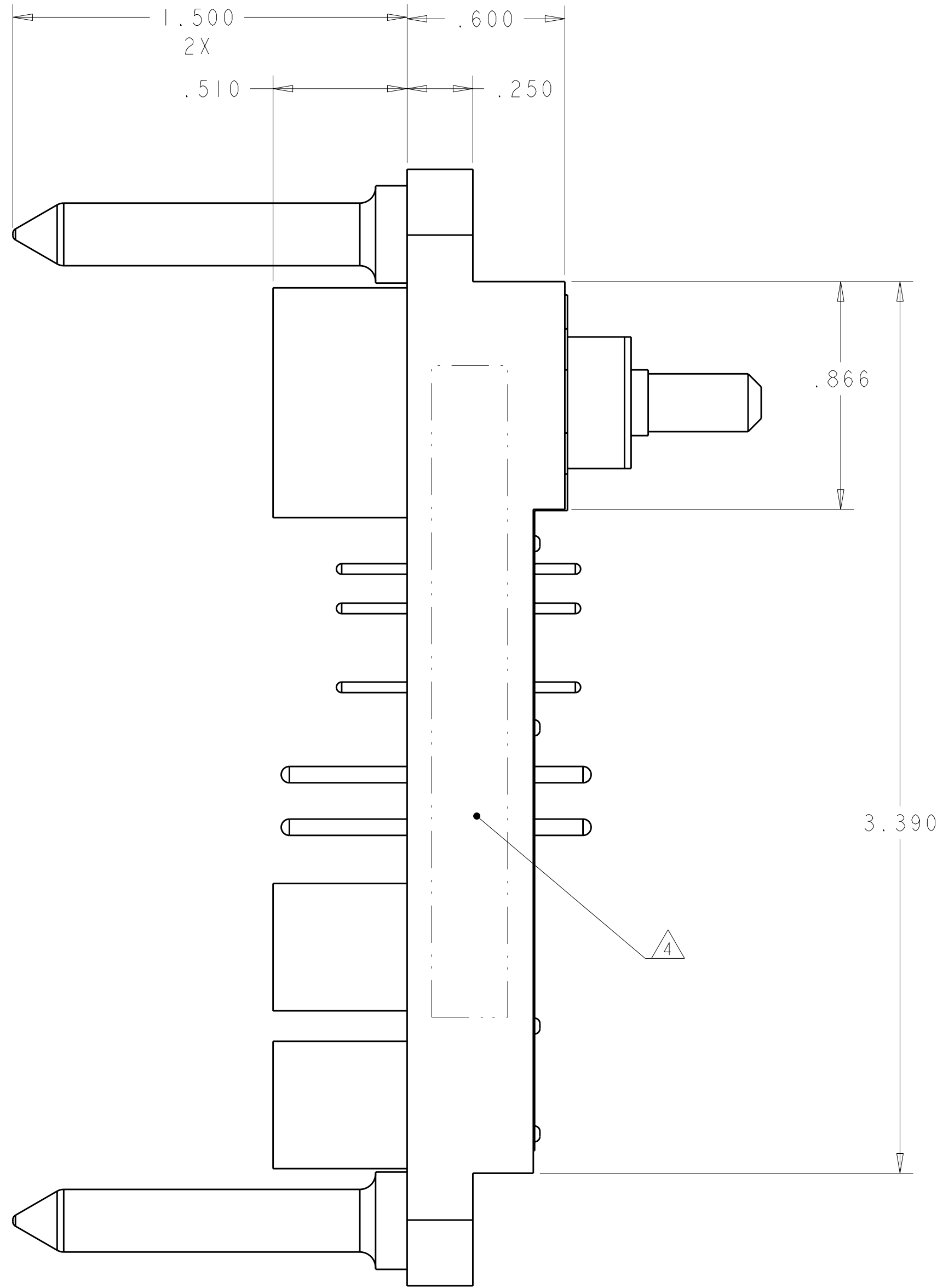
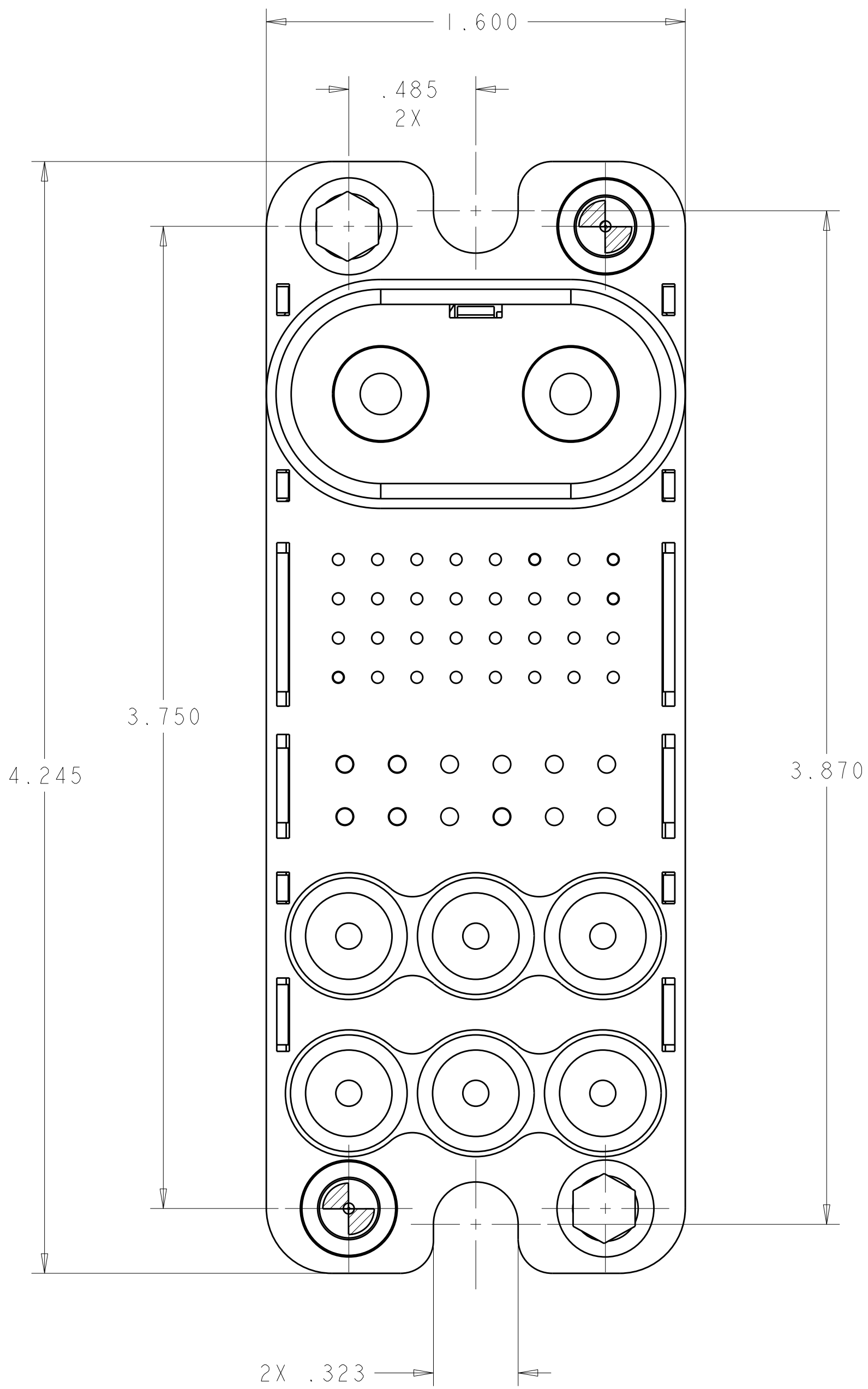


LOC		DIST		REVISIONS				
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
				A	RELEASED	18NOV2008	RG	MP
				B	REV PER ECO-10-023050	12NOV2010	RG	DO
				C	REV PER ECO-11-008226	25APR2011	RG	DO



PIN CONTACT (B) 5
SIZE #0

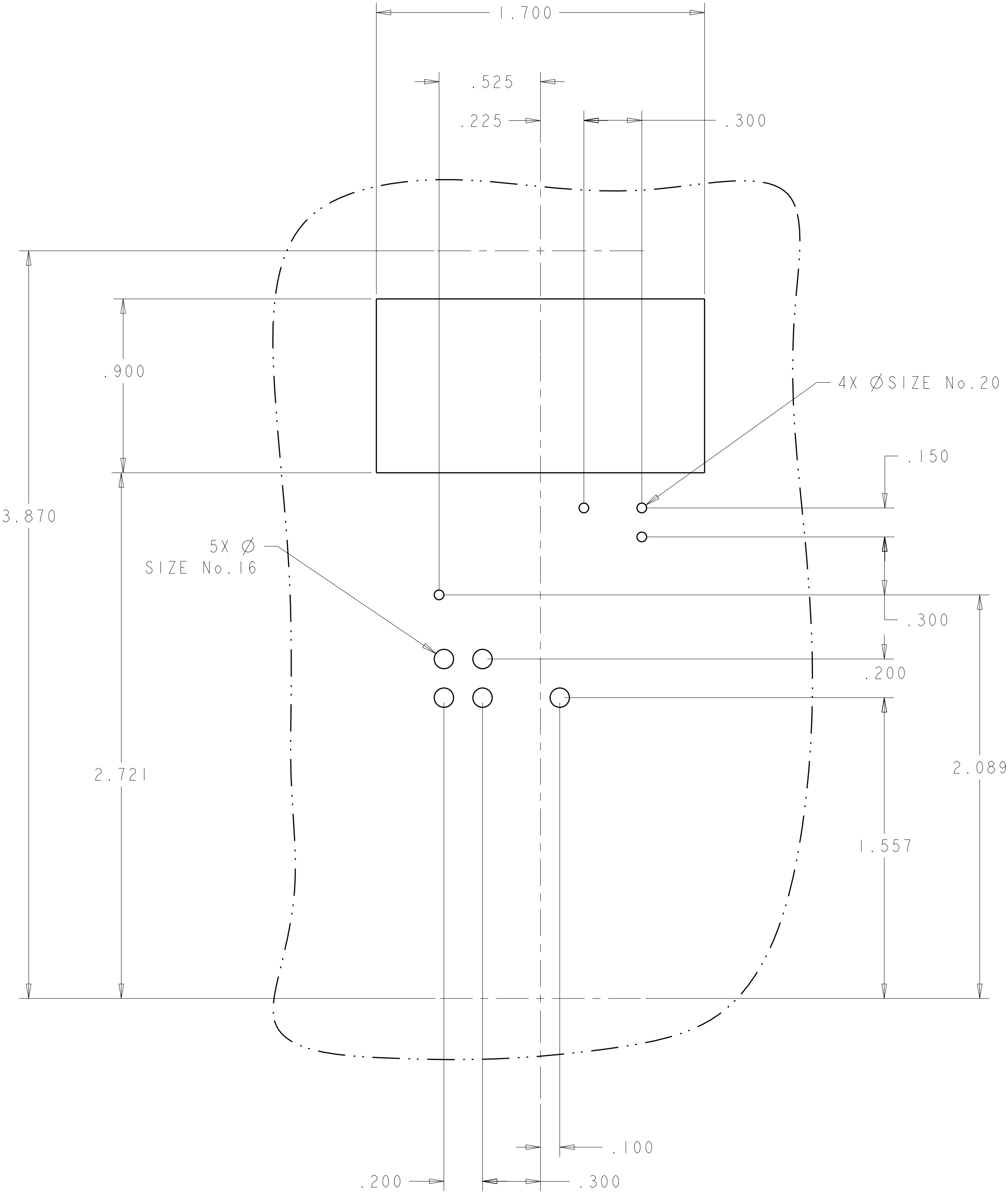
PIN CONTACT (C) 5
SIZE #20

PIN CONTACT (D) 5
SIZE #16

5	5	1766242-1	CONTACT,PIN, #16, PREMATE, PCB TAIL	D
5	4	1650226-1	CONTACT,PIN, #20, POST MATE, PCB TAIL	C
	2	1766268-1	CONTACT, PIN, #0, 1/4-20 THD	B
	1	1648571-2	CONNECTOR, PIN W/GUIDE PINS	A
	-2	PART NUMBER		ITEM

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		Tyco Electronics	
INCHES		0 PLC ±.010		R.GRZYBOWSKI		Harrisburg, PA 17105-3608	
		1 PLC ±.010		M.PERCHERKE		NAME	
		2 PLC ±.010		M.PERCHERKE		PIN CONNECTOR ASSEMBLY	
		3 PLC ±.010		M.PERCHERKE		SOLDER TAIL	
		4 PLC ±.010		M.PERCHERKE		TOP DRAWER	
		ANGLES ±.010		M.PERCHERKE		SIZE	
		FINISH		M.PERCHERKE		CAGE CODE	
MATERIAL		FINISH		M.PERCHERKE		DRAWING NO	
				M.PERCHERKE		RESTRICTED TO	
				M.PERCHERKE		A100779C=6651488	
				M.PERCHERKE		SCALE	
				M.PERCHERKE		3:1	
				M.PERCHERKE		SHEET	
				M.PERCHERKE		1	
				M.PERCHERKE		OF	
				M.PERCHERKE		2	
				M.PERCHERKE		REV	
				M.PERCHERKE		C	

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



SUGGESTED PC BOARD LAYOUT
VIEW FROM CONNECTOR MOUNTING SIDE

HOLE SIZE #16
FINISHED HOLE: $\varnothing.104 \pm .003$
DRILLED HOLE: $\varnothing.1065 \pm .0005$
COPPER PLATE: .0010 MIN
TIN PLATE: .0002 MIN THK.
HOLE SIZE #20
FINISHED HOLE: $\varnothing.047 \pm .003$
DRILLED HOLE: $\varnothing.0453 \pm .0005$
COPPER PLATE: .0010 MIN
TIN PLATE: .0002 MIN THK.

- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING THE INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIAL:
INSULATOR: THERMOPLASTIC, GLASS REINFORCED, UL 94V-0
FLAMMABILITY RATED, COLOR: BLACK
PIN CONTACT SIZE No. 0 : COPPER ALLOY
PIN CONTACT SIZE No. 16 & 20 : BRASS ALLOY
RETENTION CLIP FOR SIZE No. 0, 16 & 20: BERYLLIUM COPPER
OR STAINLESS STEEL
RETENTION CLIP FOR SIZE No.12: BERYLLIUM COPPER
GUIDE PIN: STAINLESS STEEL

- FINISH:
PIN CONTACTS SIZE#0 & #16: SILVER PLATE .000200 MIN THK.
OVER NICKEL .000040 MIN THK.
PIN CONTACTS SIZE #20: GOLD PLATE .000030 MIN THK.
OVER NICKEL .000040 MIN THK.

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

TYCO ELECTRONICS P/N
XXXXXX-X

DATE CODE (e.g. 0216)
XXXX

YEAR WEEK

- SOLDER TAIL CONTACTS (ITEMS C THRU D) ARE INSERTABLE/NON-REMOVABLE
SIZE No.0 (ITEM B) LOADED IN POSN. 1 AND 2
SIZE No. 20 (ITEM C) LOADED IN POSN. 3,5,11 AND 34
SIZE No. 16 (ITEM D) LOADED IN POSN. 39, 40, 43, 45 AND 46

- SYMBOL INDICATES LOCATION OF GUIDE PINS.

DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 18NOV2008		Tyco Electronics Harrisburg, PA 17105-3608	
				CHK M. PERCHERKE 18NOV2008			
				APVD M. PERCHERKE 18NOV2008		NAME	
				PRODUCT SPEC		PIN CONNECTOR ASSEMBLY	
				108-2285		SOLDER TAIL	
				APPLICATION SPEC		TOP DRAWER	
				114-13206		SIZE CAGE CODE DRAWING NO	
				WEIGHT		A100779C=6651488	
				CUSTOMER DRAWING		RESTRICTED TO	
						SCALE 3:1 SHEET 2 OF 2 REV C	