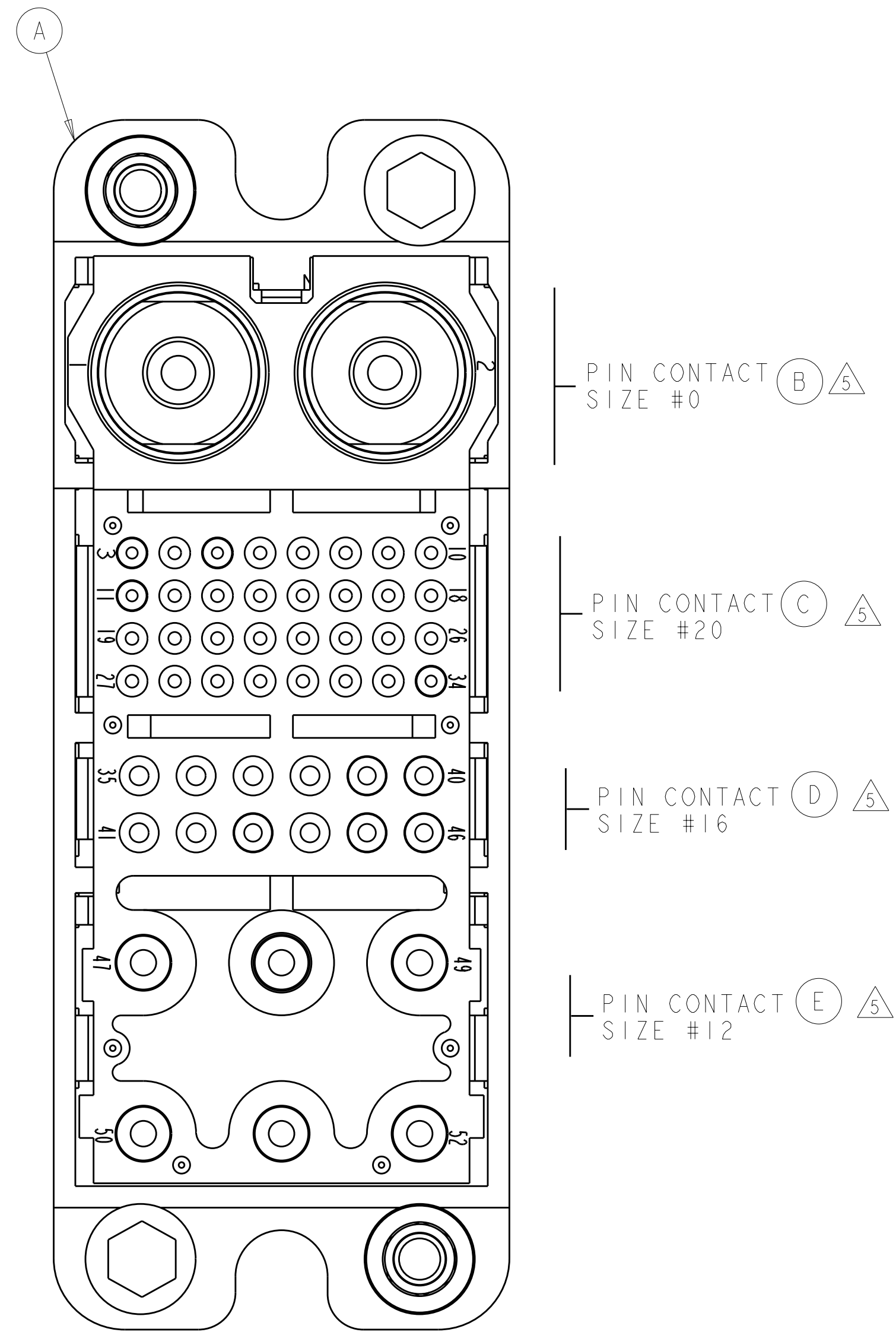
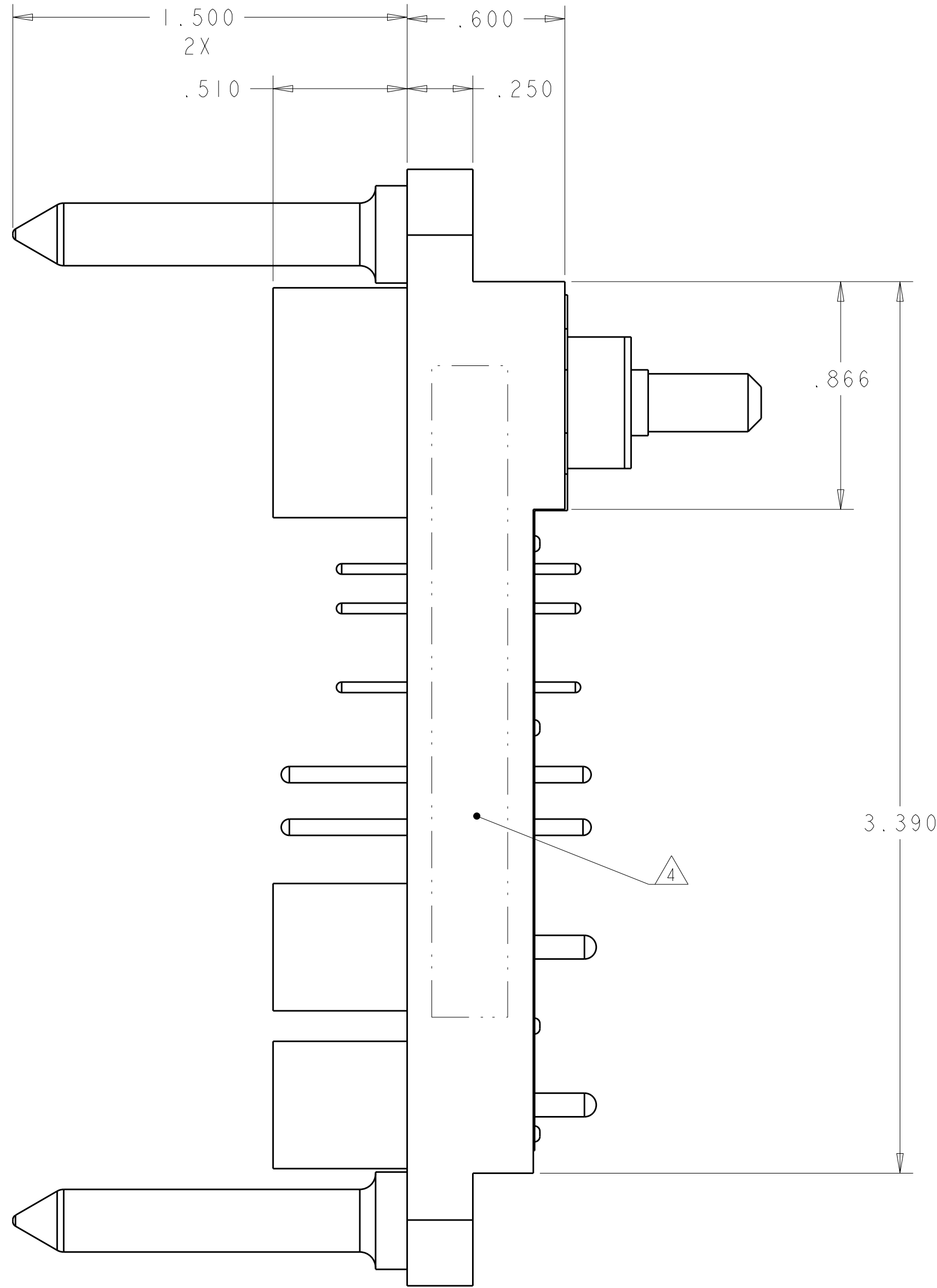
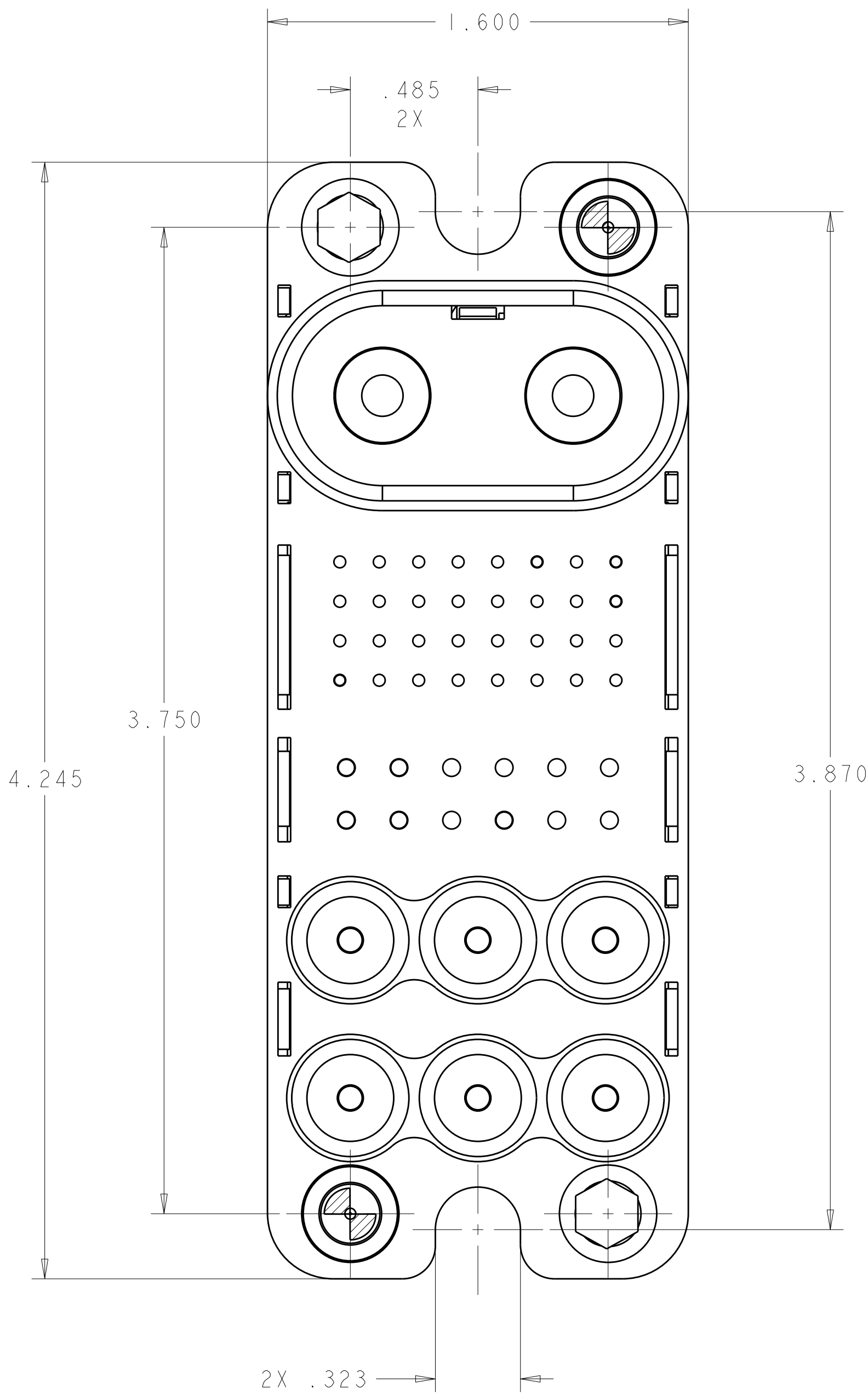


LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD	
			A	RELEASED		21SEP2009	RG	DO	
			B	REV PER ECO-11-008226		25APR2011	RG	DO	



6	1766245-1	CONTACT,PIN, #12, STANDARD, PCB TAIL	E
5	1766242-1	CONTACT,PIN, #16, PREMATE, PCB TAIL	D
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
-1	PART NUMBER	DESCRIPTION	ITEM

DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R.GRZYBOWSKI CHK D.ORRIS APVD M.PERCHEK		Tyco Electronics Harrisburg, PA 17105-3608	
9 PLC 1 PLC 2 PLC 3 PLC 4 PLC		±. ±.25 ±.010 ±. ±.		10SEP109 10SEP109		NAME PIN CONNECTOR ASSEMBLY SOLDER TAIL TOP DRAWER	
MATERIAL -		FINISH -		PRODUCT SPEC 108-2285 APPLICATION SPEC 114-13206		SIZE A100779	
CUSTOMER DRAWING		WEIGHT -		DRAWING NO C=2085295		RESTRICTED TO -	
SCALE 3:1		SHEET 1		OF 2		REV B	

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

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING THE INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIAL:
INSULATOR: THERMOPLASTIC, GLASS REINFORCED, UL 94V-0
FLAMMABILITY RATED, COLOR: BLACK
PIN CONTACT SIZE No. 0 : COPPER ALLOY
PIN CONTACT SIZE No. 12, 16 & 20 : BRASS ALLOY
RETENTION CLIP: BERYLLIUM COPPER OR STAINLESS STEEL
GUIDE PIN: STAINLESS STEEL
3. FINISH:
PIN CONTACTS SIZE#0, #16 & #12: SILVER PLATE .000200 MIN THK.
OVER NICKEL .000040 MIN THK.
PIN CONTACTS SIZE #20: GOLD PLATE .000030 MIN THK.
OVER NICKEL .000040 MIN THK.

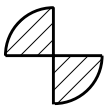
△

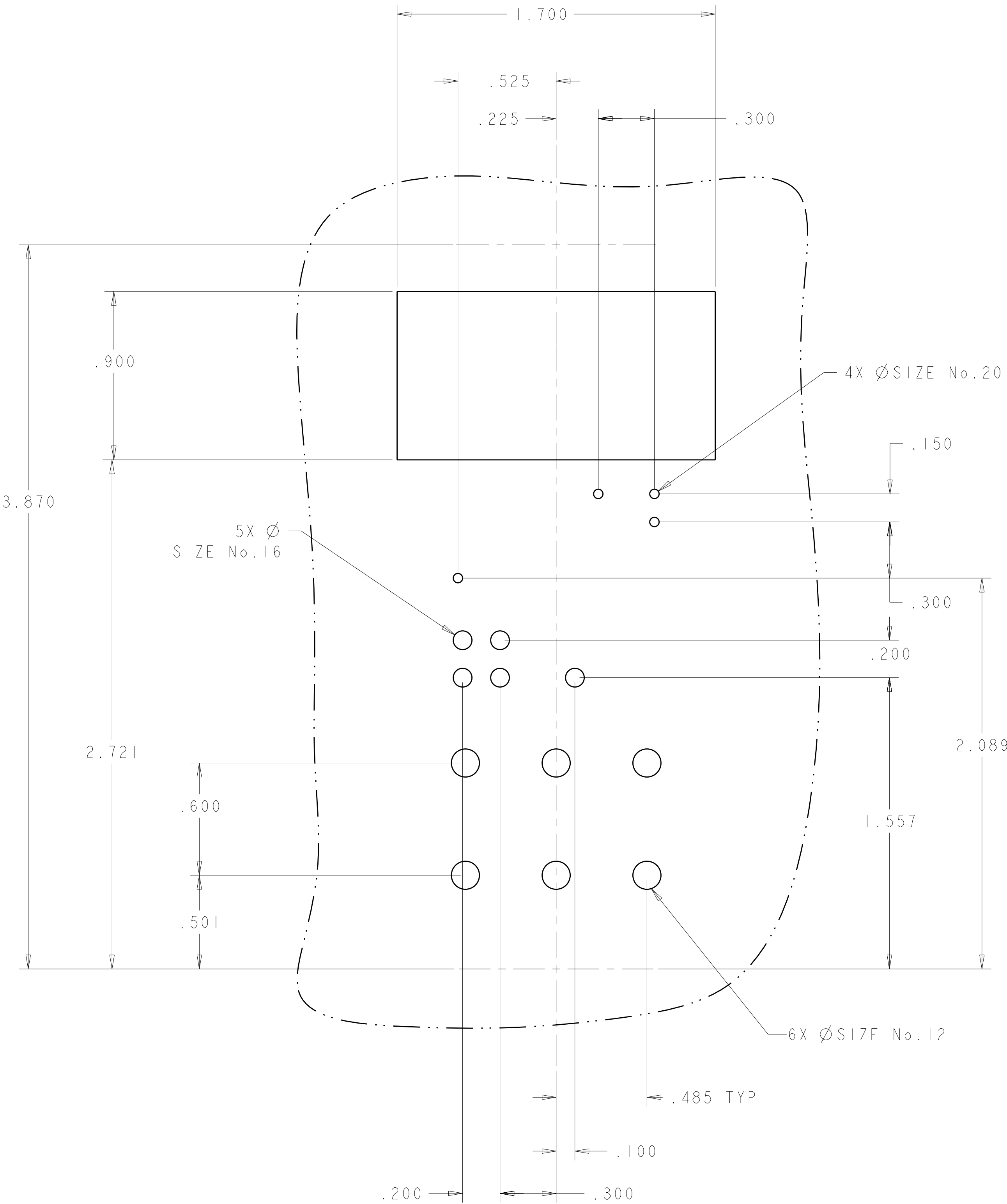
ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

YEAR11WEEK1

TYCO ELECTRONICS P/NXXXXXXXX-XDATE CODE (e.g. 0216)XXXX

- △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
SIZE No.12 (ITEM E) LOADED IN POSN. 47 THRU 52

6.  SYMBOL INDICATES LOCATION OF GUIDE PINS.



SUGGESTED PC BOARD LAYOUT
VIEW FROM CONNECTOR MOUNTING SIDE

HOLE SIZE #12
FINISHED HOLE: Ø.104±.003
DRILLED HOLE: Ø.1065±.0005
COPPER PLATE:.0010 MIN
TIN PLATE: .0002 MIN THK.

HOLE SIZE #16
FINISHED HOLE: Ø.072±.003
DRILLED HOLE: Ø.0745±.0005
COPPER PLATE:.0010 MIN
TIN PLATE: .0002 MIN THK.

HOLE SIZE #20
FINISHED HOLE: Ø.047±.003
DRILLED HOLE: Ø.0453±.0005
COPPER PLATE:.0010 MIN
TIN PLATE: .0002 MIN THK.

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 DISTRIBUTED WITHOUT THE WRITTEN PERMISSION OF TYCO ELECTRONICS CORPORATION. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE REPRODUCED OR DISTRIBUTED WITHOUT THE WRITTEN PERMISSION OF TYCO ELECTRONICS CORPORATION.		DWN R. GRZYBOWSKI	10SEPT09	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK D. ORRIS	10SEPT09	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	10SEPT09	PRODUCT SPEC	
9 PLC ±.010		108-2285		APPLICATION SPEC	
2 PLC ±.025		114-13206		WEIGHT	
3 PLC ±.010		114-13206		CUSTOMER DRAWING	
4 PLC ±.010		114-13206		SCALE 3:1	
ANGLES ±.5		114-13206		SHEET 2 OF 2	
FINISH		114-13206		REV B	