

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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1. CONNECTOR DIMENSIONS ARE PER ARINC 600 SPECIFICATION.

2. CONNECTOR IS SUPPLIED WITH A DUST COVER INSTALLED; NOT SHOWN.

3. KEYING SHOWN IN POSITION FOR ILLUSTRATION ONLY.
CONNECTORS SHIPPED WITH KEYING INSTALLED IN POSITION PER TABLE.
FOR POSITION "00" KEYING HARDWARE SHIPPED UNASSEMBLED.

4. SIZE 22, 12, 16 & 20 CONTACTS NOT SHOWN IN FRONT AND REAR VIEWS FOR CLARITY.

5. DIMENSION TO CONTACT POST IS WITH CONTACTS FULLY SEATED TO REAR OF CONTACT CAVITIES.

6. THE FOLLOWING CONTACTS AND FILLER PLUGS ARE LOADED IN 2221968-1 CONNECTOR:
MODULE A:
P/N 1663625-1 (SIZE 1 FILLER PLUG; QTY = 2) POSITIONS 3 & 4.
P/N 1757669-1 (MODIFIED SIZE 1 COAX PIN ADAPTER; QTY = 2) POSITION 1 & 2
MODULE B:
P/N 211431-6 (SIZE 22 POSTED CONTACT; QTY = 118)
P/N 448540-3 (POSTED SIZE 8 PIN COAX; QTY = 2)
MODULE C:
P/N 448140-6 (SIZE 12 POSTED CONTACT; QTY = 4) POSITIONS 2, 3, 7 & 8
P/N 2-448139-5 (SIZE 16 POSTED CONTACT; QTY = 1) POSITION 9
P/N 2-448138-6 (SIZE 20 POSTED CONTACT; QTY = 2) POSITIONS 4 & 6,
P/N 1484201-4 (POSTED SIZE 5 PIN COAX; QTY = 2) POSITIONS 12 & 13
P/N 1663767-2 (SIZE 20 FILLER PLUG; QTY = 2) POSITIONS 1 & 5.
P/N 1663767-3 (SIZE 16 FILLER PLUG; QTY = 2) POSITIONS 10 & 11.

7. THE FOLLOWING CONTACTS AND FILLER PLUGS ARE LOADED IN 2221968-2 CONNECTOR:
MODULE A:
P/N 1663625-1 (SIZE 1 FILLER PLUG; QTY = 2) POSITIONS 3 & 4.
P/N 1757669-1 (MODIFIED SIZE 1 COAX PIN ADAPTER; QTY = 2) POSITION 1 & 2
MODULE B:
(SIZE 22 STAMPED & FORMED CONTACT W/HOODS; QTY = 118) (NON-REMOVABLE)
P/N 448540-3 (POSTED SIZE 8 PIN COAX; QTY = 2)
MODULE C:
P/N 448140-6 (SIZE 12 POSTED CONTACT; QTY = 4) POSITIONS 2, 3, 7 & 8
P/N 2-448139-5 (SIZE 16 POSTED CONTACT; QTY = 1) POSITION 9
P/N 2-448138-6 (SIZE 20 POSTED CONTACT; QTY = 2) POSITIONS 4 & 6,
P/N 1484201-4 (POSTED SIZE 5 PIN COAX; QTY = 2) POSITIONS 12 & 13
P/N 1663767-2 (SIZE 20 FILLER PLUG; QTY = 2) POSITIONS 1 & 5.
P/N 1663767-3 (SIZE 16 FILLER PLUG; QTY = 2) POSITIONS 10 & 11.

COMPONENT	MATERIAL	FINISH
SHELL	DIE CAST ALUMINUM PER ASTM-B-85	ELECTROLESS NICKEL PER MIL-C-26074
RETENTION PLATES	ALUMINUM ALLOY PER ASTM-B-209	ELECTROLESS NICKEL PER MIL-C-26074
FLAT HEAD SCREWS	STAINLESS STEEL	PASSIVATED
FLAT HEAD SCREWS (FOR KEYING HARDWARE)	STAINLESS STEEL	RoHS COMPLIANT YELLOW TRIVALENT CHROMATE
POLARIZING KEYS	ZINC ALLOY PER ASTM-B-86	-
POLARIZING KEY RETAINING PLATE	ALUMINUM ALLOY PER ASTM-B-209	BLUE ANODIZED PER MIL-A-8625
C4 INSERT	DIE CAST ALUMINUM PER ASTM-B-85.	ELECTROLESS NICKEL PER MIL-C-26074
120T2 & 13C2 INSERTS	THERMOSET OR THERMOPLASTIC PPS PER MIL-M-24519	-
SZ 22 STAMPED & FORMED SOCKET CONTACTS (-2 ONLY)	BODY: COPPER ALLOY HOOD: STAINLESS STEEL	BODY: .000050 [0.00127 MIN GOLD ON MATING TINES; MATTIE Sn ON TAIL, BOTH OVER NICKEL PLATE HOOD: PASSIVATED
CONTACTS	COPPER ALLOY	GOLD PLATED TAILS

03	7	2221968-2
03	6	2221968-1
KEYING POSITION	CONTACTS INCLUDED AND INSTALLED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005 [0.13]
4 PLC ± -
ANGLES
FINISH

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005 [0.13]
4 PLC ± -
ANGLES
FINISH

SEE TABLE

DWN
C.C.THOMAS
CHK
W.BERNHART
APP'D
W.BERNHART

12-5-13
12-5-13
12-5-13

NAME

RCPT ASSY,SIZE 2,ARINC 600
(C4/120T2/13C2)
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
2221968

RESTRICTED TO
-

WEIGHT
0

CUSTOMER DRAWING

SCALE
3:2

SHEET
1

OF
3

REV
J1

TE Connectivity Ltd.

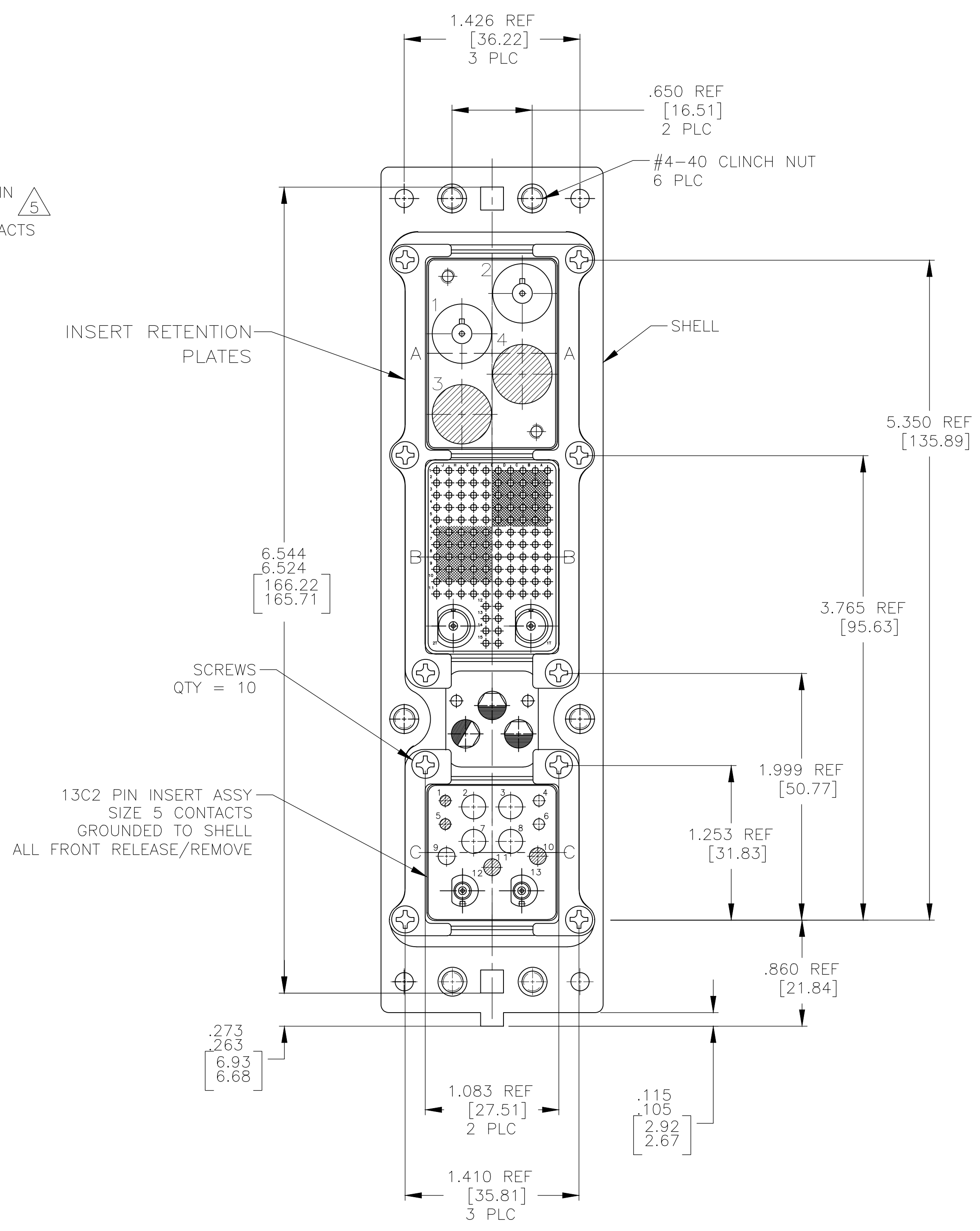
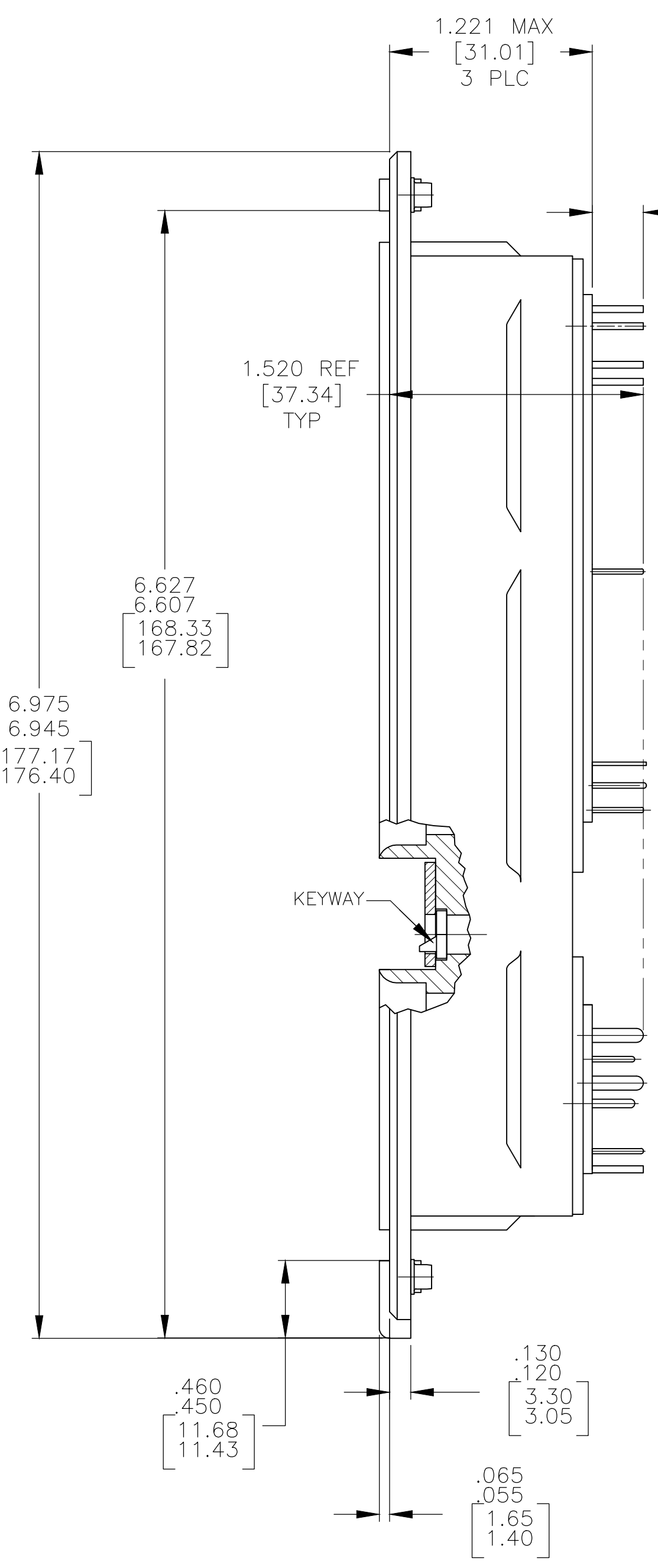
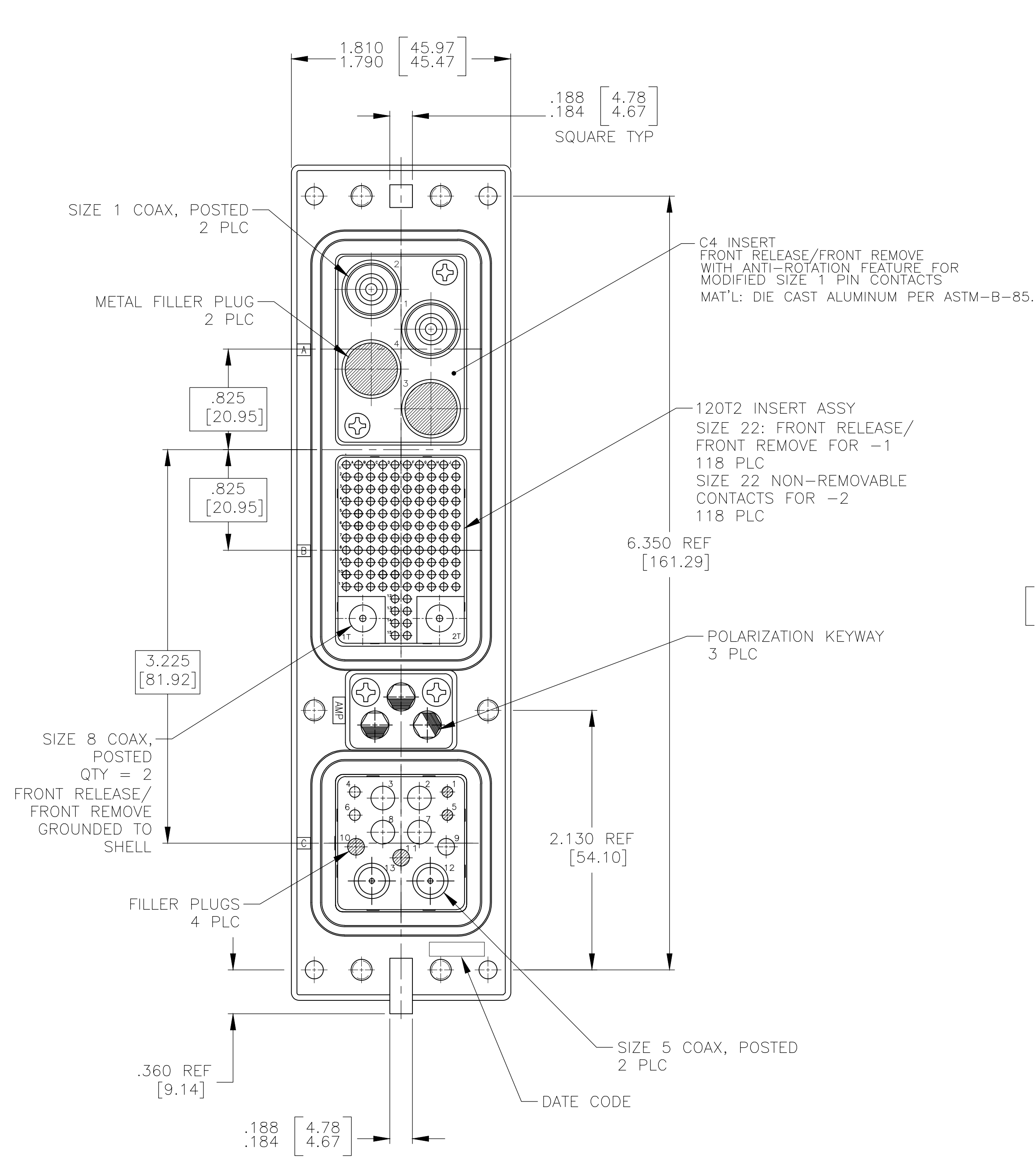
4805 (1/15)

D

C

B

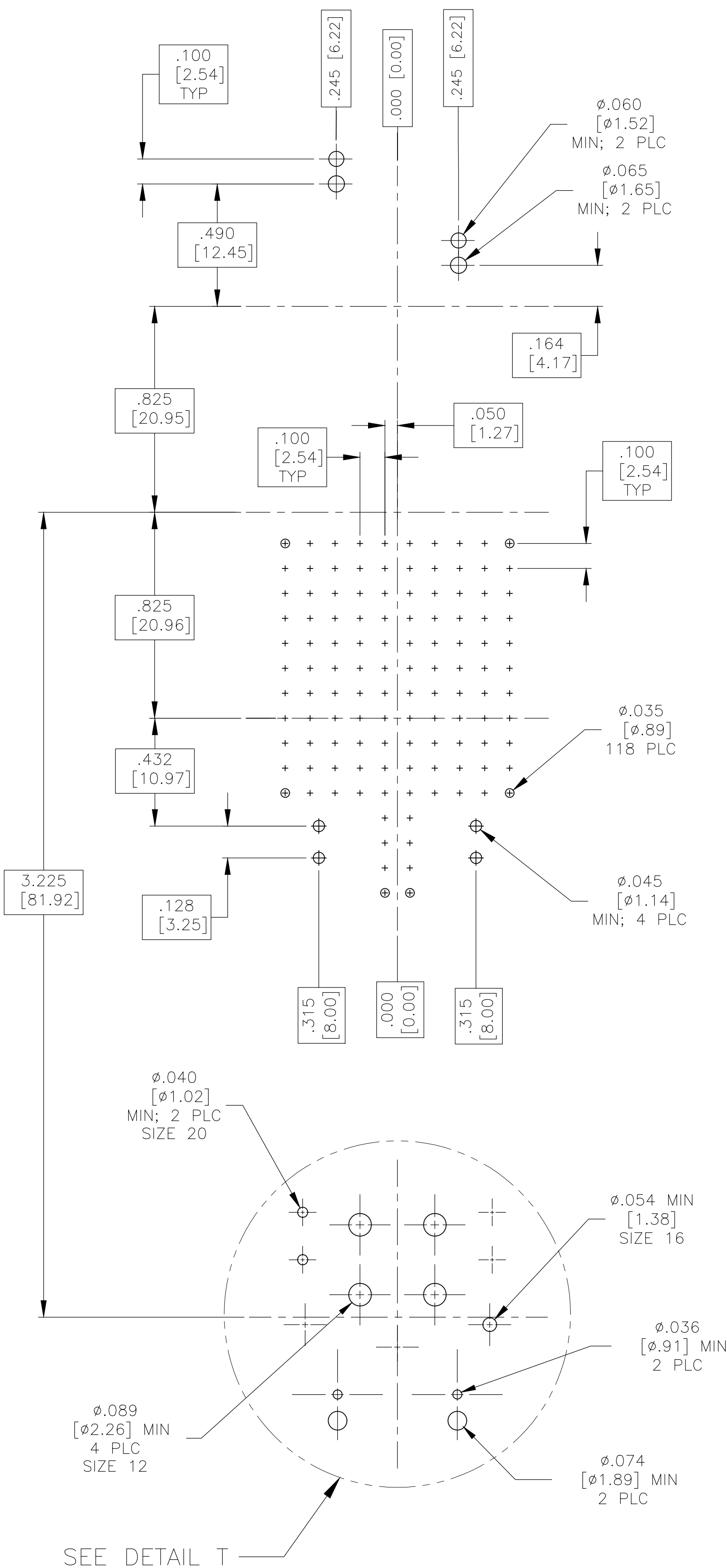
A



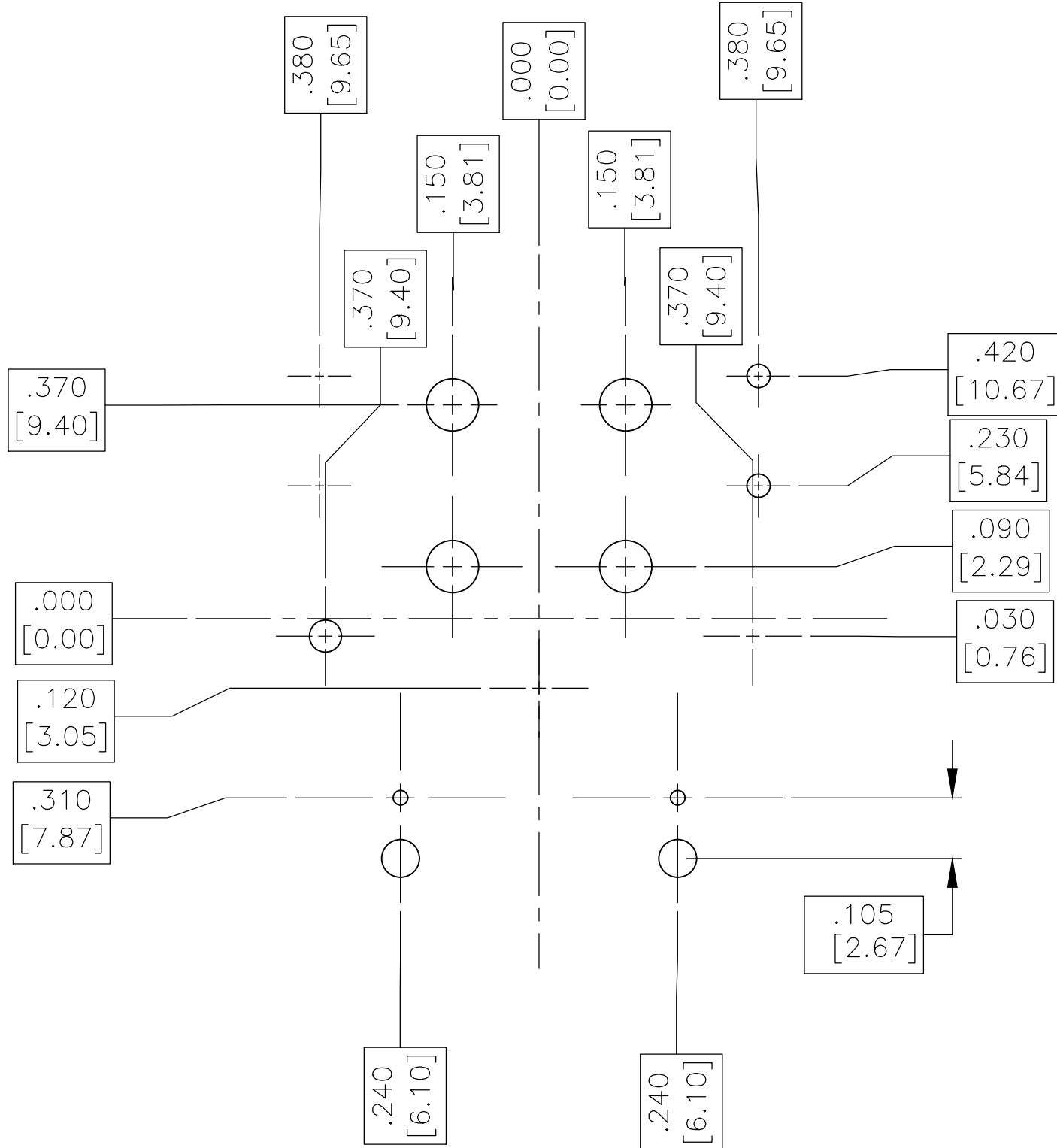
P/N 2221968-1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 12-5-13	TE Connectivity Ltd.	
DIMENSIONS: INCHES [mm]		CHK W.BERNHART 12-5-13	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.BERNHART 12-5-13	RCPT ASSY, SIZE 2, SEALED, ARINC 600 (C4/120T2/13C2)	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		PRODUCT SPEC APPLICATION SPEC	RESTRICTED TO	
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT -	SIZE A1	CAGE CODE 00779
CUSTOMER DRAWING		SCALE 3:2	SHEET 2	OF 3
		REV J1		

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED P.C. BOARD LAYOUT
(MATING FACE VIEW)
SCALE 3:1



DETAIL T
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 12-5-13	TE Connectivity Ltd.	
DIMENSIONS: INCHES [mm]		CHK W.BERNHART 12-5-13		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD W.BERNHART 12-5-13	NAME RCPT ASSY,SIZE 2,ARINC 600 (C4/120T2/13C2)	
	0 PLC ± -	PRODUCT SPEC		
	1 PLC ± -	APPLICATION SPEC		
	2 PLC ± -	—		
	3 PLC ± .005 [0.13]	—	SIZE A1	
	4 PLC ± -	—		
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT —	CAGE CODE 00779	
CUSTOMER DRAWING			DRAWING NO 2221968	
SCALE 3:2			SHEET 3 OF 3	
REV J1				

Mouser Electronics

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