

8

7

6

5

4

3

2

1

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J1	REVISED PER ECO 19-017059	11-12-19	CT	RL

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:

DWN
C.C.THOMAS
12-5-13

CHK
W.BERNHART
12-5-13

AP'D
W.BERNHART
12-5-13

NAME

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

MATERIAL
SEE TABLE

WEIGHT
0

CUSTOMER DRAWING

SCALE
3:2

SHEET
1 OF 3

REV
J1

TE

TE Connectivity Ltd.

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

-

2221968

-

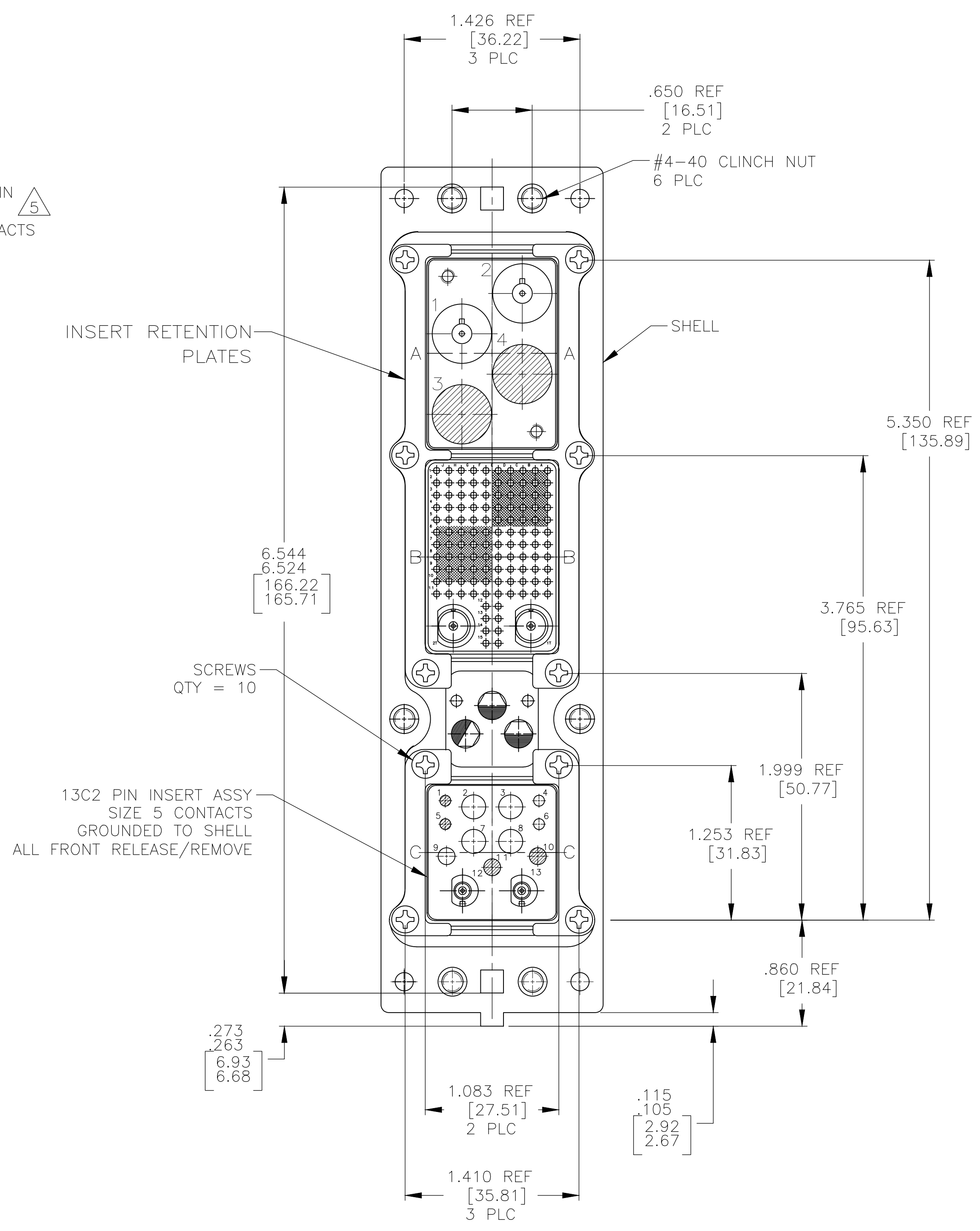
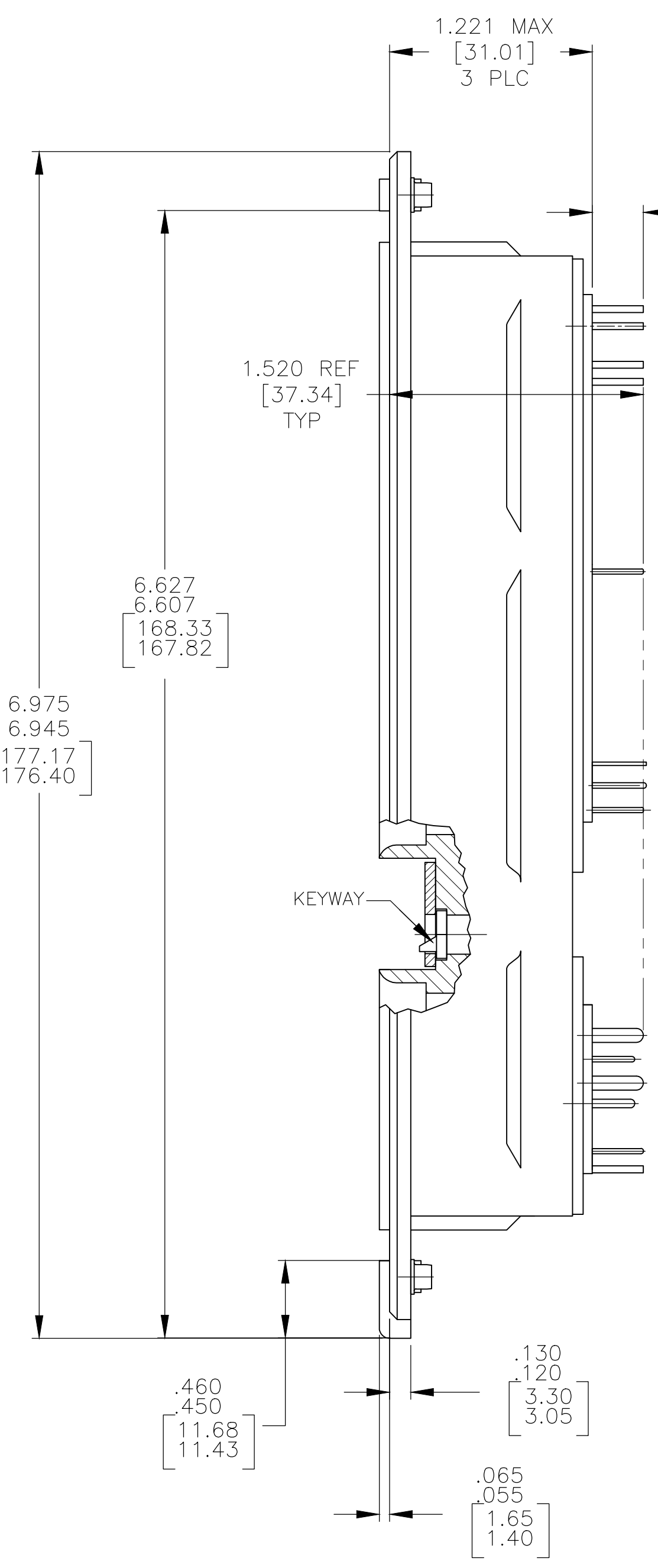
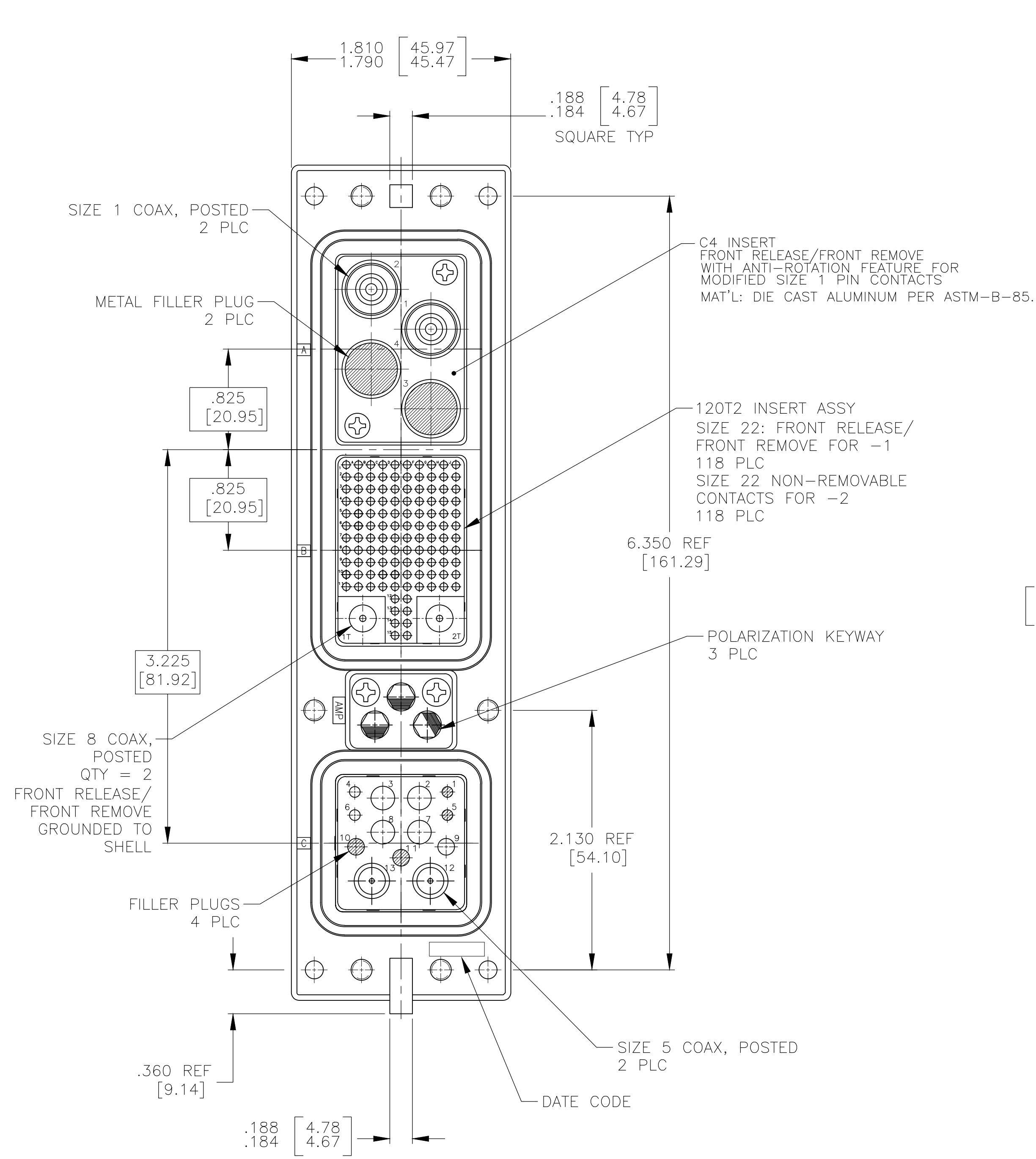
4805 (1/15)

D

C

B

A



P/N 2221968-1 SHOWN

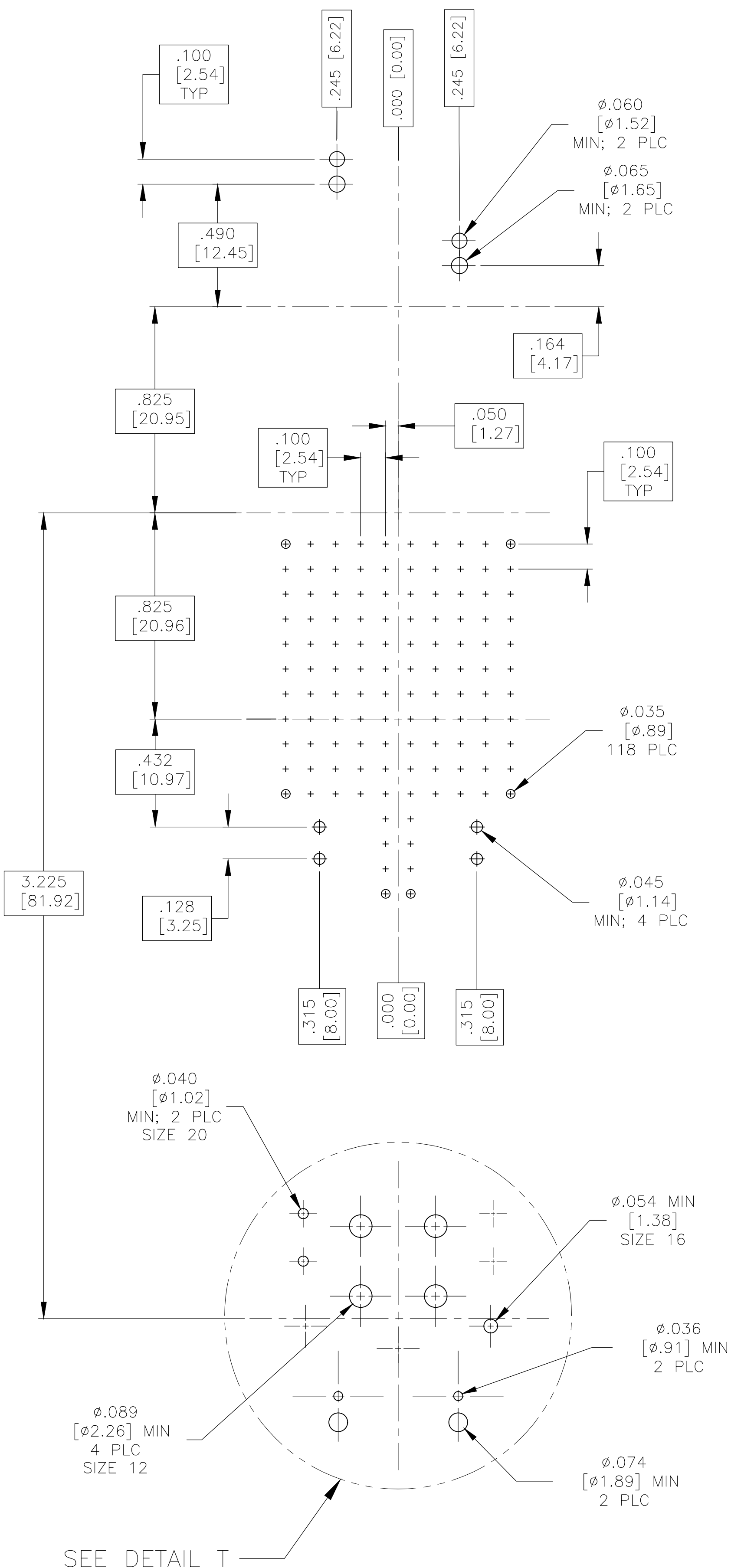
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 12-5-13	TE Connectivity Ltd.	
DIMENSIONS: INCHES [mm]		CHK W.BERNHART 12-5-13	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.BERNHART 12-5-13	RCPT ASSY, SIZE 2, SEALED, ARINC 600 (C4/120T2/13C2)	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		PRODUCT SPEC APPLICATION SPEC	RESTRICTED TO	
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT -	A1 00779 2221968	
CUSTOMER DRAWING		SCALE 3:2	SHEET 2 OF 3	REV J1

D

C

B

A



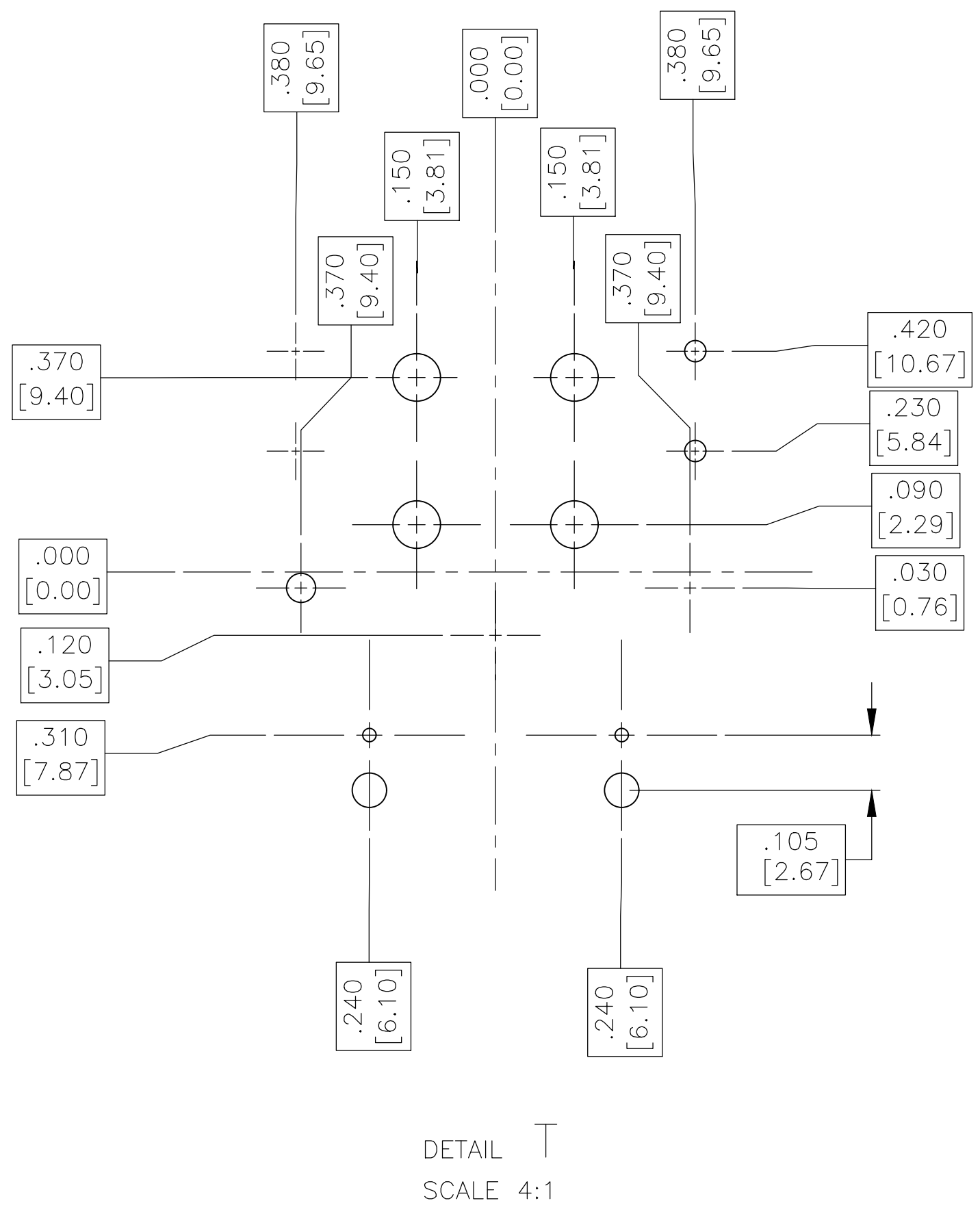
RECOMMENDED P.C. BOARD LAYOUT
(MATING FACE VIEW)
SCALE 3:1

D

C

B

A



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	
0 PLC ± -		PRODUCT SPEC		
1 PLC ± -		APPLICATION SPEC		
2 PLC ± -		—		
3 PLC ± .005 [0.13]		—		
4 PLC ± -		—		
ANGLES ± -		—		
FINISH		—		
MATERIAL SEE TABLE	SEE TABLE	WEIGHT —	A1 00779 2221968	
CUSTOMER DRAWING		SCALE 3:2	SHEET 3	OF 3
		REV J1		