

8

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4

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REVISONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
E		REV PER ECO 17-007041	5-16-17	CT	EO

MODULE A
150 POSITION MONOBLOCK WITH NON-REMOVABLE CONTACTS
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL
(CONTACT QTY = 121)
MODULE B
150 POSITION MONOBLOCK WITH NON-REMOVABLE CONTACTS
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL
(CONTACT QTY = 74)
MODULE C
SZ 12 POSTED PIN CONTACT; TE P/N 1-448140-8 (QTY=4)
SZ 16 POSTED PIN CONTACT; TE P/N 1-448139-4 (QTY=3)
SZ 20 POSTED PIN CONTACT; TE P/N 1-448138-2 (QTY=4)
QUADRAX POSTED CONTACT TE P/N 1445626-4 (QTY=2)

MODULE D
150 POSITION MONOBLOCK WITH NON-REMOVABLE CONTACTS
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL
(CONTACT QTY = 96)
MODULE E
150 POSITION MONOBLOCK WITH NON-REMOVABLE CONTACTS
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL
(CONTACT QTY = 57)
MODULE F
SZ 12 POSTED PIN CONTACT; TE P/N 1-448140-8 (QTY=4)
SZ 16 POSTED PIN CONTACT; TE P/N 1-448139-4 (QTY=3)
SZ 20 POSTED PIN CONTACT; TE P/N 1-448138-2 (QTY=4)
QUADRAX POSTED CONTACT TE P/N 1445626-4 (QTY=2)

2157609-2

MODULE A
SZ 22 POSTED SKT CONTACT; TE P/N 211431-4 (QTY=121)
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL

MODULE B
SZ 22 POSTED SKT CONTACT; TE P/N 211431-4 (QTY=74)
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL

MODULE C
SZ 12 POSTED PIN CONTACT; TE P/N 1-448140-8 (QTY=4)
SZ 16 POSTED PIN CONTACT; TE P/N 1-448139-4 (QTY=3)
SZ 20 POSTED PIN CONTACT; TE P/N 1-448138-2 (QTY=4)
QUADRAX POSTED CONTACT TE P/N 1445626-4 (QTY=2)
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL

MODULE D
SZ 22 POSTED SKT CONTACT; TE P/N 211431-4 (QTY=96)
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL

MODULE E
SZ 22 POSTED SKT CONTACT; TE P/N 211431-4 (QTY=57)
SEE SHEET #3 FOR SELECTIVE LOADING DETAIL

MODULE F
SZ 12 POSTED PIN CONTACT; TE P/N 1-448140-8 (QTY=4)
SZ 16 POSTED PIN CONTACT; TE P/N 1-448139-4 (QTY=3)
SZ 20 POSTED PIN CONTACT; TE P/N 1-448138-2 (QTY=4)
QUADRAX POSTED CONTACT TE P/N 1445626-4 (QTY=2)

2157609-1

CONTACTS INCLUDED
AND INSTALLED

PART
NUMBER

1. CONNECTOR DIMENSIONS ARE PER ARINC 600 SPECIFICATION

2. DUST COVERS ARE INSTALLED FOR SHIPPING.

3. KEYING SHOWN IN POSITION "01" FOR REFERENCE ONLY.
SEE TABLE FOR KEYING POSITION.
FOR POSITION "00" KEYING SHIPPED UNASSEMBLED.

4 WITH CONTACTS FULLY SEATED TO THE REAR OF INSERT.

5. CONTACTS NOT SHOWN IN FRONT & REAR VIEWS FOR CLARITY.
SEE SELECTIVE LOADING CHART FOR CONTACT POSITIONS. (SHEET #3)

6 TE LOGO APPEARS IN THIS APPROXIMATE LOCATION ON
MACHINED FROM BILLET SHELLS.

7. ASSEMBLY SHOWN WITH DIE CAST SHELL. ASSEMBLIES WITH
MACHINED SHELLS MAY VARY SLIGHTLY IN APPEARANCE.

COMPONENT	MATERIAL	FINISH
SHELL	DIE CAST ALUMINUM PER ASTM-B-85 OR ASTM B211 6061-T6 OR ASTM B209 2024-T4	CHEMICAL CONVERSION COATING PER MIL-DTL-5541 TYPE II, CLASS 3
RETENTION PLATES	ALUMINUM ALLOY PER ASTM-B-209	CHEMICAL CONVERSION COATING PER MIL-DTL-5541 TYPE II, CLASS 3
SCREWS AND LOCKWASHERS	STEEL STAINLESS STEEL	CHROMATE OVER ZINC OR PASSIVATED
POLARIZING KEYS	ZINC ALLOY PER ASTM-B-86	-
POLARIZING KEY RETAINING PLATE	ALUMINUM ALLOY PER ASTM-B-209	BLUE ANODIZED PER MIL-A-8625
150 & 11Q2 INSERTS	THERMOSET	-

WITH STAMP & FORMED SZ 22 CONTACTS	"27"	2157609-2
WITH REMOVABLE SZ 22 CONTACTS	"27"	2157609-1
REMARKS	KEYING POSITION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
C.C.THOMAS 10-3-11

CHK
W.BERNHART 10-3-11

APVD
W.BERNHART 10-3-11

DIMENSIONS:
INCHES [mm]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES
-- ± --



MATERIAL
SEE TABLE

FINISH
SEE TABLE

WEIGHT
0

SIZE
A1

CAGE CODE
00779

DRAWING NO
2157609

RESTRICTED TO
-

CUSTOMER DRAWING

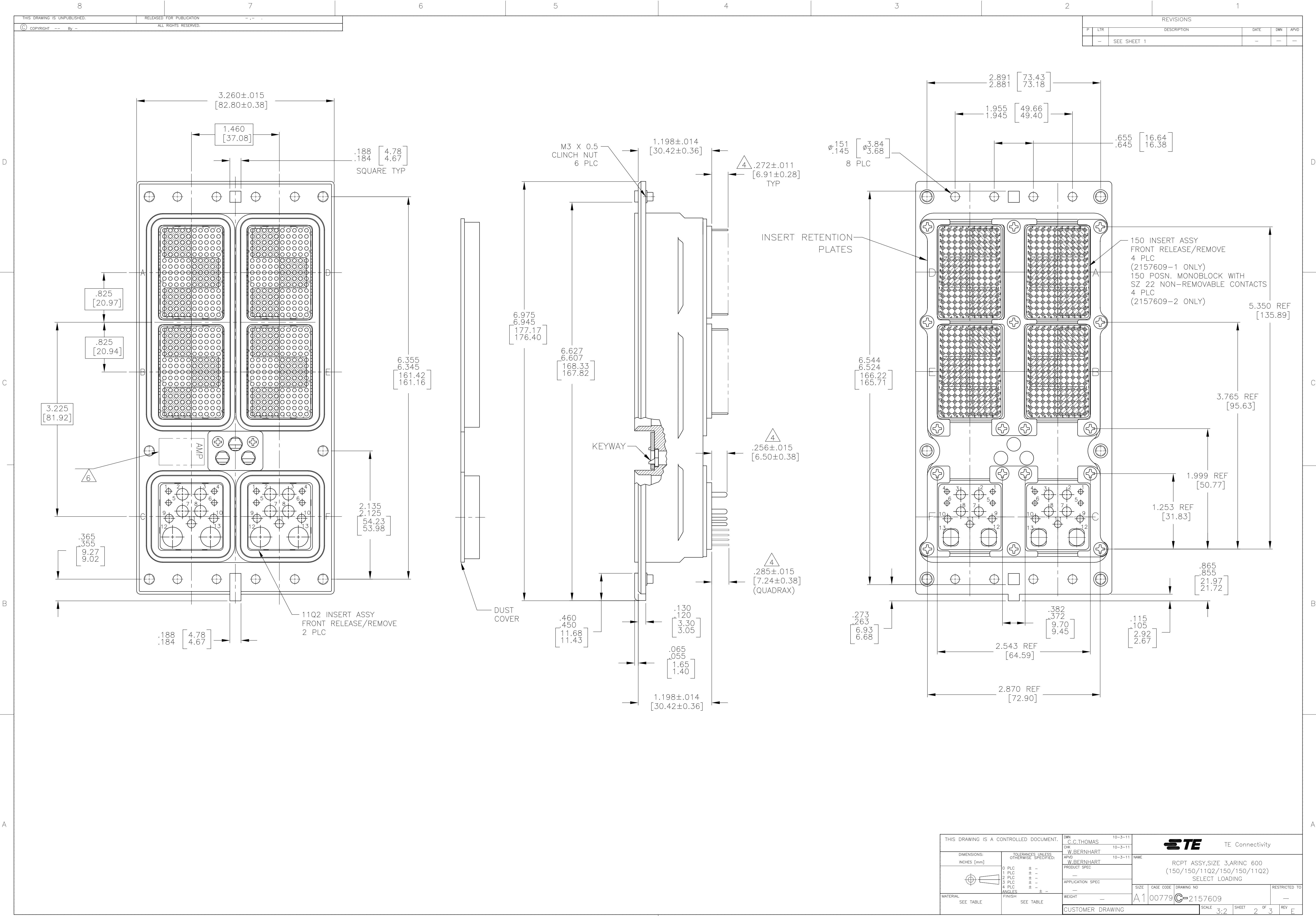
SCALE
3:2

SHEET
1

OF
3

REV
E

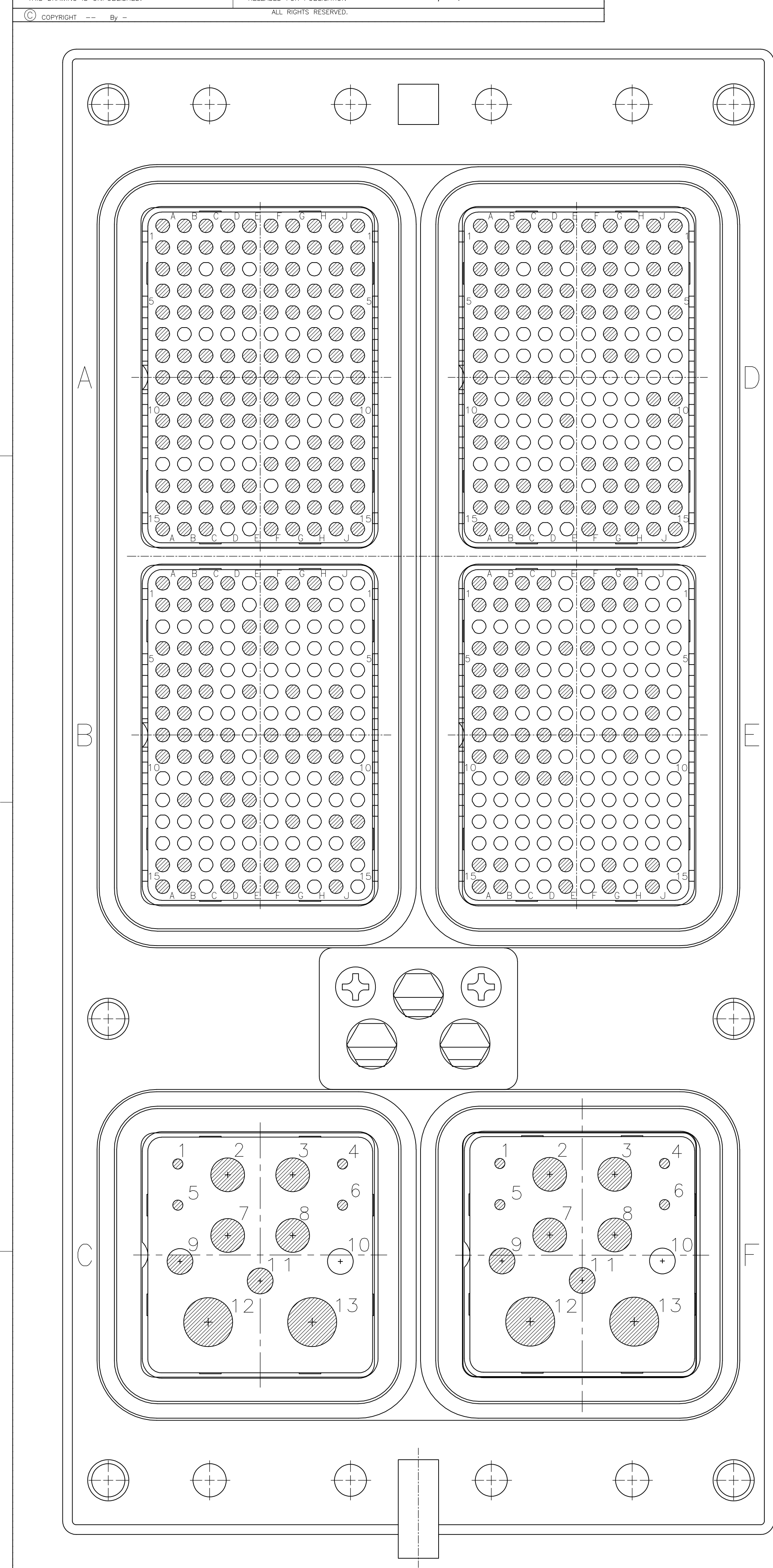
4805 (1/15)



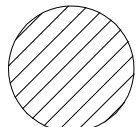
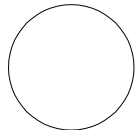
REVISIONS					
REV	DATE	DESCRIPTION	BY	CHKD	APPD
1	10-3-11	SEE SHEET 1	---	---	---

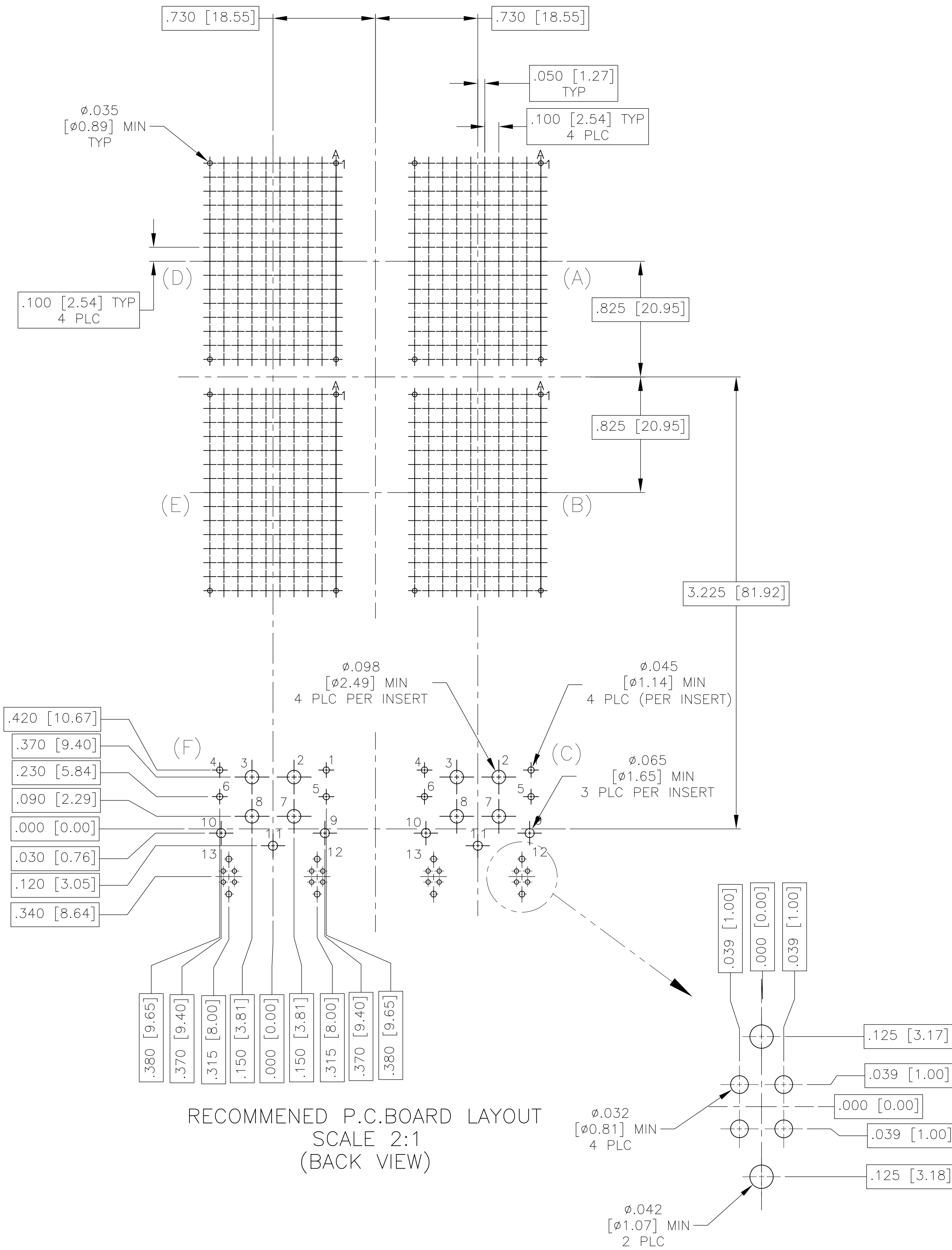
150 INSERT ASSY
FRONT RELEASE/REMOVE
4 PLC
(2157609-1 ONLY)
150 POSN. MONOBLOCK WITH
SZ 22 NON-REMOVABLE CONTACTS
4 PLC
(2157609-2 ONLY)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 10-3-11	 TE Connectivity			
DIMENSIONS: INCHES [mm]		CHK W.BERNHART 10-3-11				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W.BERNHART 10-3-11	NAME RCPT ASSY, SIZE 3, ARINC 600 (150/150/11Q2/150/150/11Q2) SELECT LOADING		
	0 PLC ± .005 1 PLC ± .005 2 PLC ± .005 3 PLC ± .005 4 PLC ± .005 ANGLES ± .005		PRODUCT SPEC			
	FINISH		APPLICATION SPEC			
	MATERIAL SEE TABLE		WEIGHT —			
CUSTOMER DRAWING		SIZE A1		CAGE CODE 00779	DRAWING NO C2157609	RESTRICTED TO —
		SCALE 3:2		SHEET 2 OF 3	REV E	

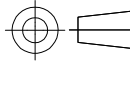


SELECTIVE LOADING DETAIL
SCALE 3:1
MATING FACE VIEW

-  = LOADED CAVITY
-  = EMPTY



RECOMMENED P.C.BOARD LAYOUT
SCALE 2:1
(BACK VIEW)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 10-3-11	 TE Connectivity	
DIMENSIONS: INCHES [mm]		CHK W.BERNHART 10-3-11		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD W.BERNHART 10-3-11	NAME RCPT ASSY SIZE 3,ARINC 600 (150/150/11Q2/150/150/11Q2) SELECT LOADING	
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC APPLICATION SPEC WEIGHT -	SIZE A1	RESTRICTED TO -
MATERIAL SEE TABLE	FINISH SEE TABLE	CAGE CODE 00779	DRAWING NO 2157609	SCALE 3:2
CUSTOMER DRAWING		SHEET 3 OF 3		REV E