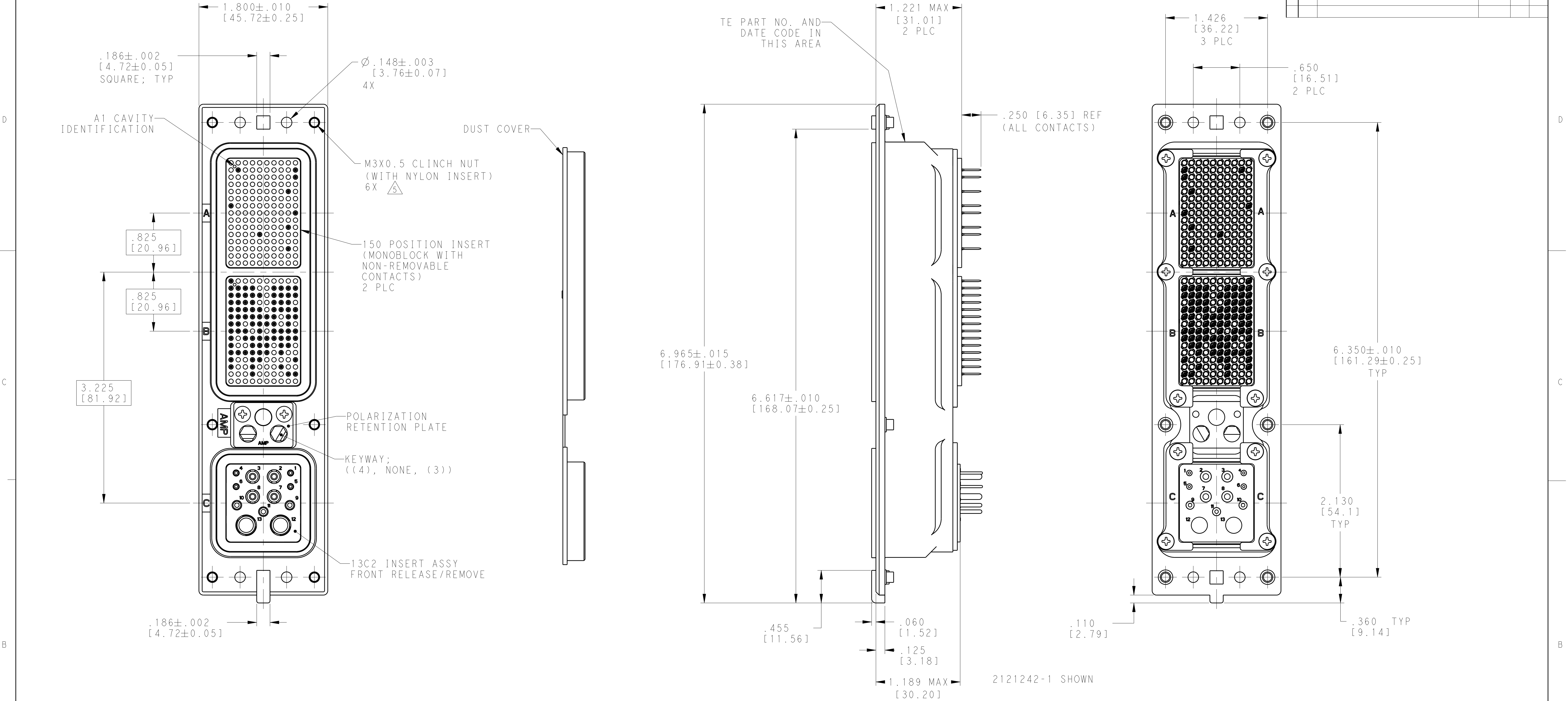


REVISONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
E		REV PER ECO 17-018523	10-25-18	CT	RL



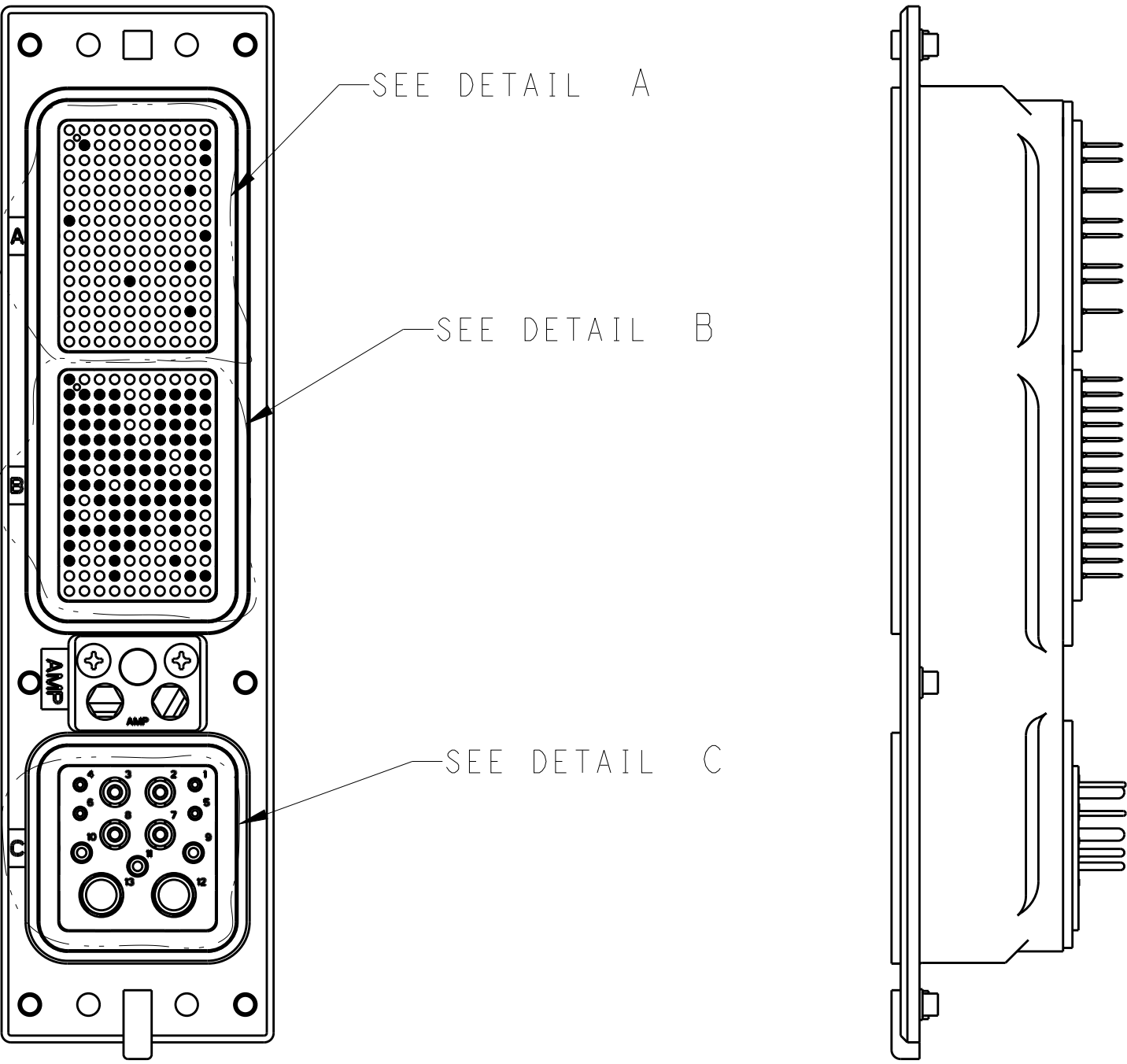
- 1 ASSEMBLED CONNECTOR FEATURES COMPLY WITH ARINC 600 SPECIFICATION EXCEPT AS NOTED.
2. KEYING SHOWN IN POSITION "SPECIAL" (SEE TABLE)
3. SEE SHEET #2, 3, OR 4 FOR SELECT LOAD CHART.
4. CONNECTOR IS SUPPLIED WITH A DUST COVER INSTALLED FOR SHIPPING.
- 5 MAX PREVAILING TORQUE IS .34 N-m (3.0 IN-LB). MAX PREVAILING TORQUE IS VALID FOR FIRST CYCLE ONLY. MAX PREVAILING TORQUE REFERS TO THE TORQUE REQUIRED TO OVERCOME THE LOCKING FEATURE OF THE CLINCH NUT. TORQUE VALUES ARE FOR REFERENCE ONLY.
- 6 PRELIMINARY - NOT RELEASED FOR PRODUCTION

SIZE 22 STAMPED AND FORMED SOCKET CONTACTS QTY = 99 FOR -1 QTY = 129 FOR -2 QTY = 132 FOR -3	BODY: COPPER ALLOY HOOD: STAINLESS STEEL	BODY: .000050 [0.00127] MIN GOLD ON MATING TINES, SnPb ON TAIL, BOTH OVER NICKEL PLATE HOOD: PASSIVATED	NON REMOVEABLE (150 POSN. INSERTS)
150 POSITION INSERT 2 PLC	THERMOPLASTIC	NONE	ONE PIECE DESIGN WITH NON-REMOVABLE CONTACTS
13C2 POSITION INSERT	THERMOSET	--	ALL REAR RELEASE/REMOVE
POLARIZATION KEYWAY	ZINC ALLOY PER ASTM-B-86	--	--
M3 X 0.5 CLINCH NUT QTY = 6	CARBON STEEL WITH NYLON INSERT	YELLOW CHROMATE COATING	RATED TO 120°C
KEYWAY RETAINER PLATE	ALUMINUM ALLOY	BLUE ANODIZED PER MIL-A-8625	--
SHELL	ALUMINUM ALLOY PER ASTM-B-85	CHROMATE CONVERSION PER MIL-DTL-5541 TYPE II, CLASS 3	--
RETENTION PLATES	ALUMINUM ALLOY PER ASTM-B-209		
COMPONENT	MATERIAL	FINISH	REMARKS

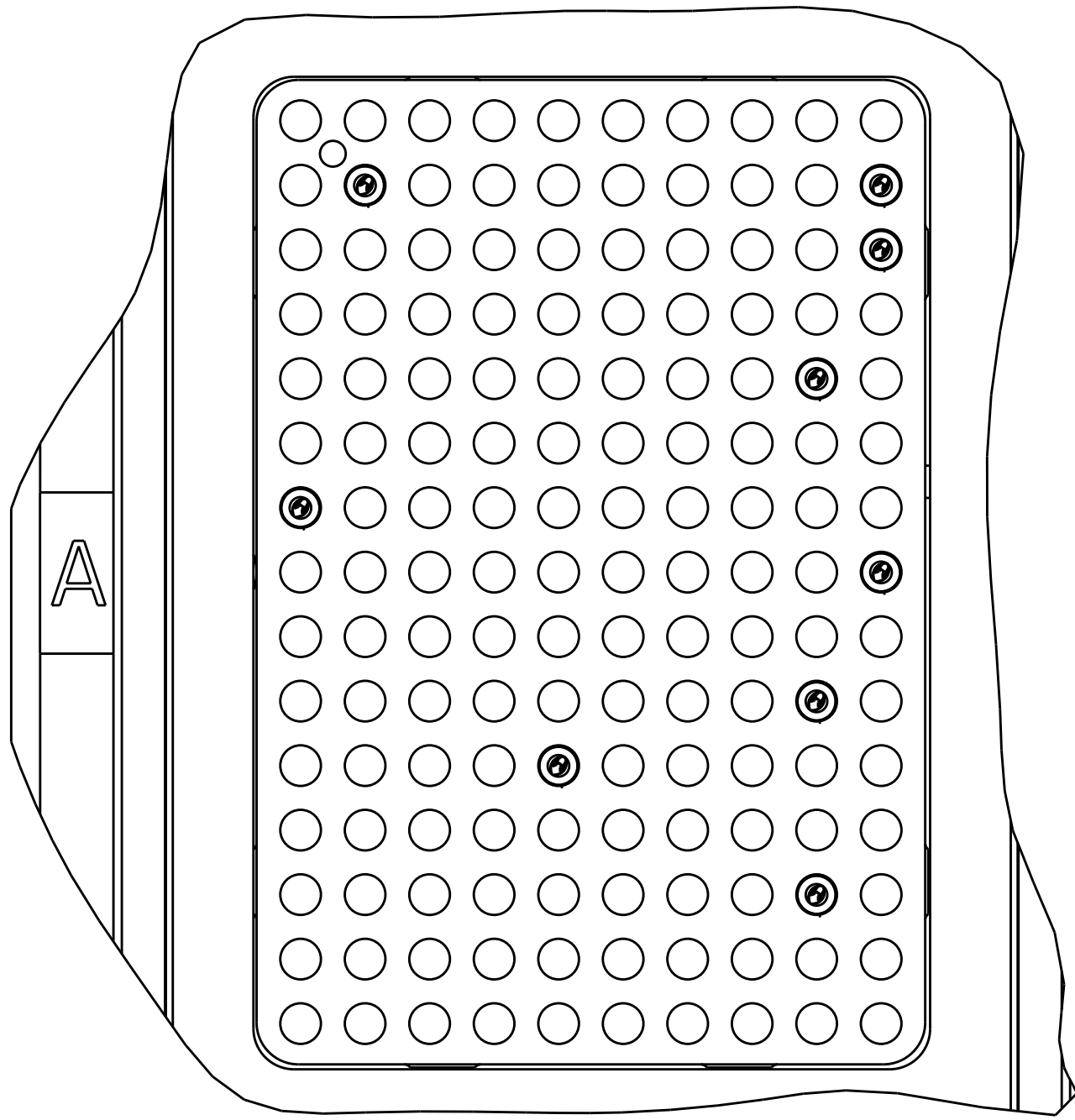
6/5	4	624797	"32"	2221242-3
5	3	605345	"27"	2221242-2
6/5	1 & 2	610388	AS SHOWN	2221242-1
REMARKS	SEE SHEET NUMBER	CUSTOMER PART NO. REF	KEYING POSITION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M 2009.		DWN C.C. THOMAS 5-24-12 CHK W. BERNHART 5-24-12 APVD W. BERNHART 5-24-12	TE Connectivity	
DIMENSIONS: [INCHES][mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME RECEPTACLE ASSY, SIZE 2, ARINC 600 (150/150/13C2) WITH SELECT LOAD, S and F SZ 22 CONTACTS	
0 PLC ±.005 (0.13) 1 PLC ±. 2 PLC ±. 3 PLC ±. 4 PLC ±.	ANGLES ±.	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO. RESTRICTED TO	
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	A100779C=2221242	
CUSTOMER DRAWING		SCALE 3:2	SHEET 1 OF 4	REV E

LOC		DIST		REVISIONS				
-		-		DESCRIPTION		DATE	DWN	APVD
		P	LTR					
		-		SEE SHEET 1		-	-	-

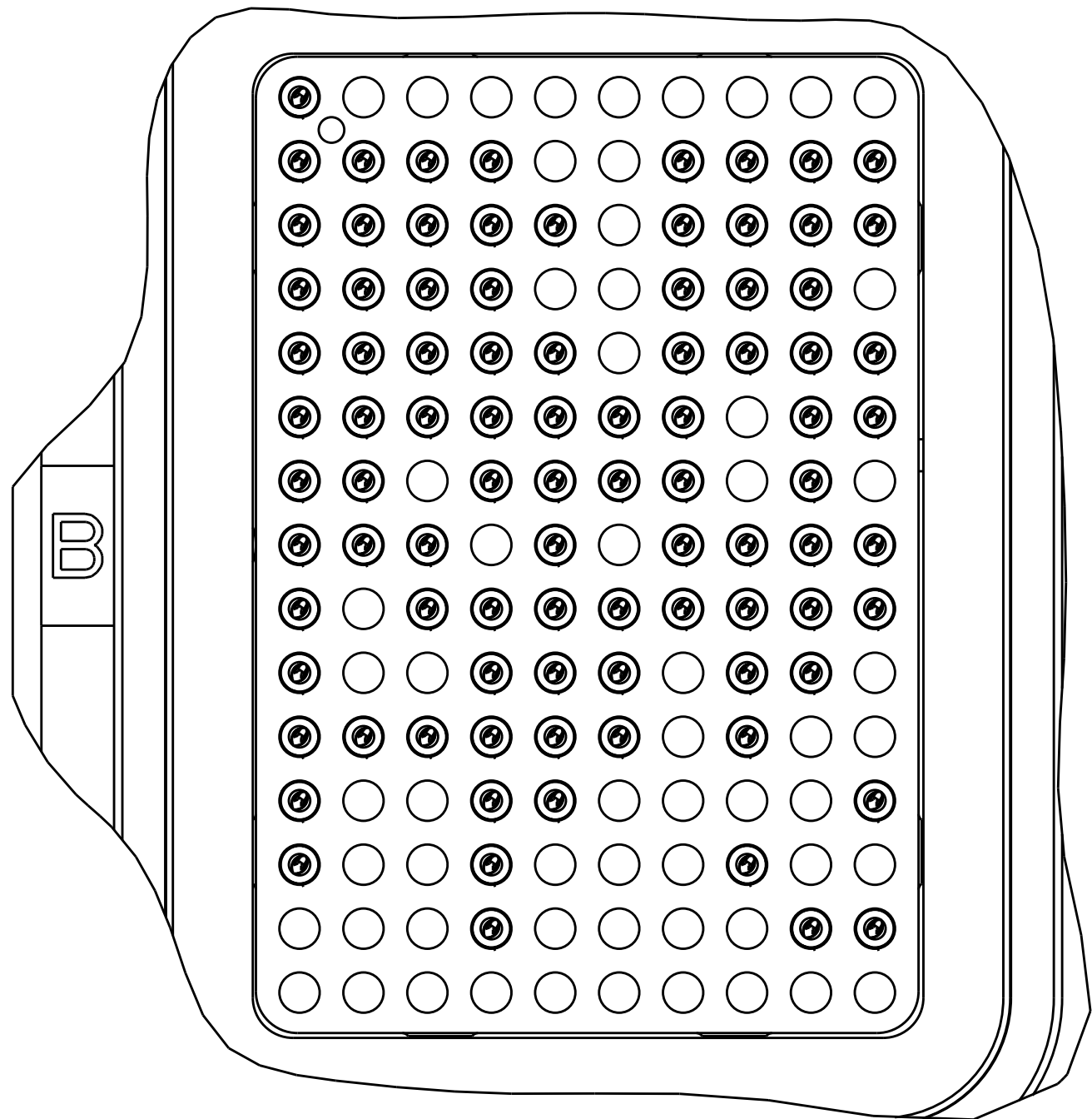


LOADING CHART FOR 2221242-1



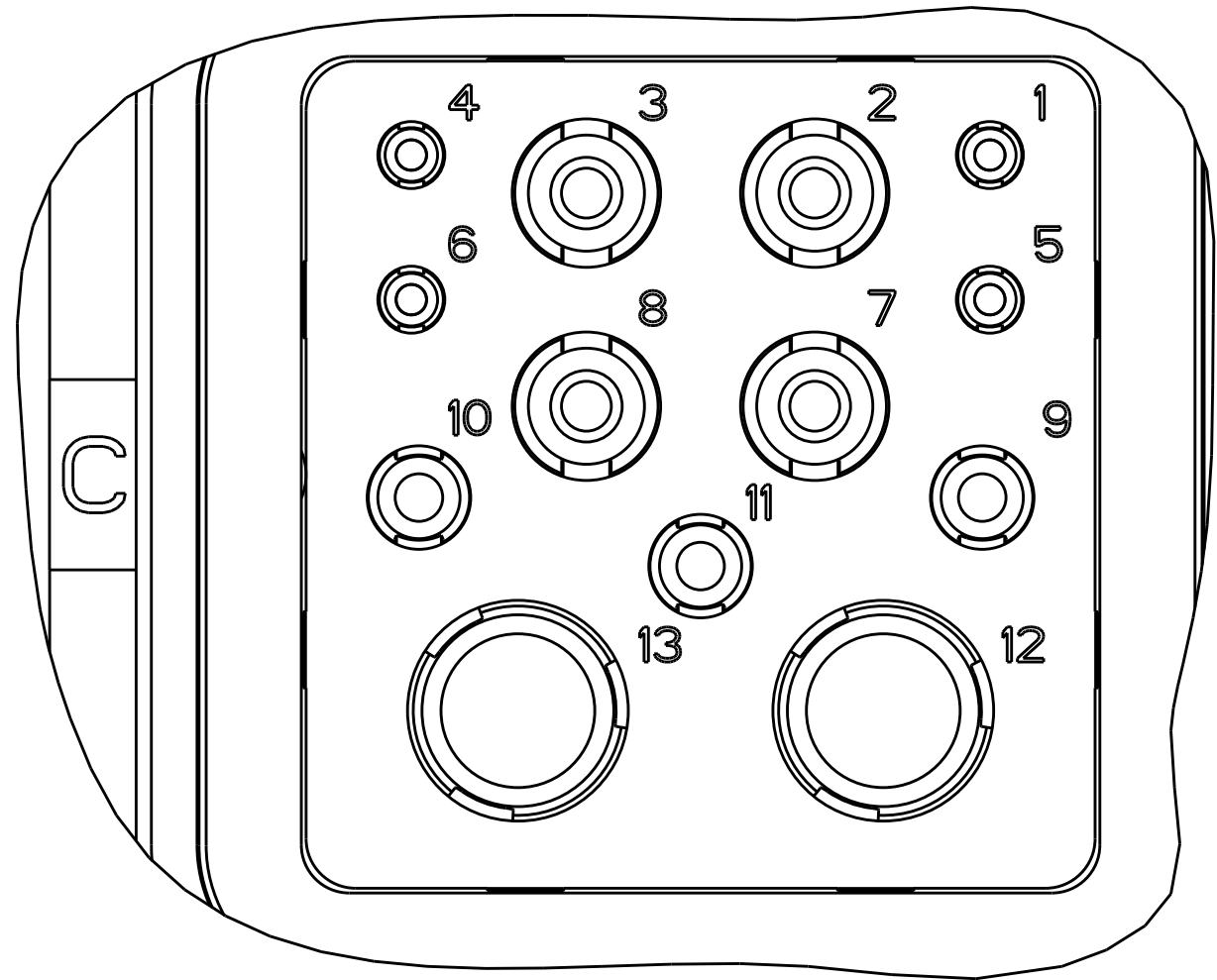
DETAIL A
SCALE 4:1

○ = NO CONTACTS
(NON-REMOVABLE
FILLER PLUGS)



DETAIL B
SCALE 4:1

○ = NO CONTACTS
(NON-REMOVABLE
FILLER PLUGS)

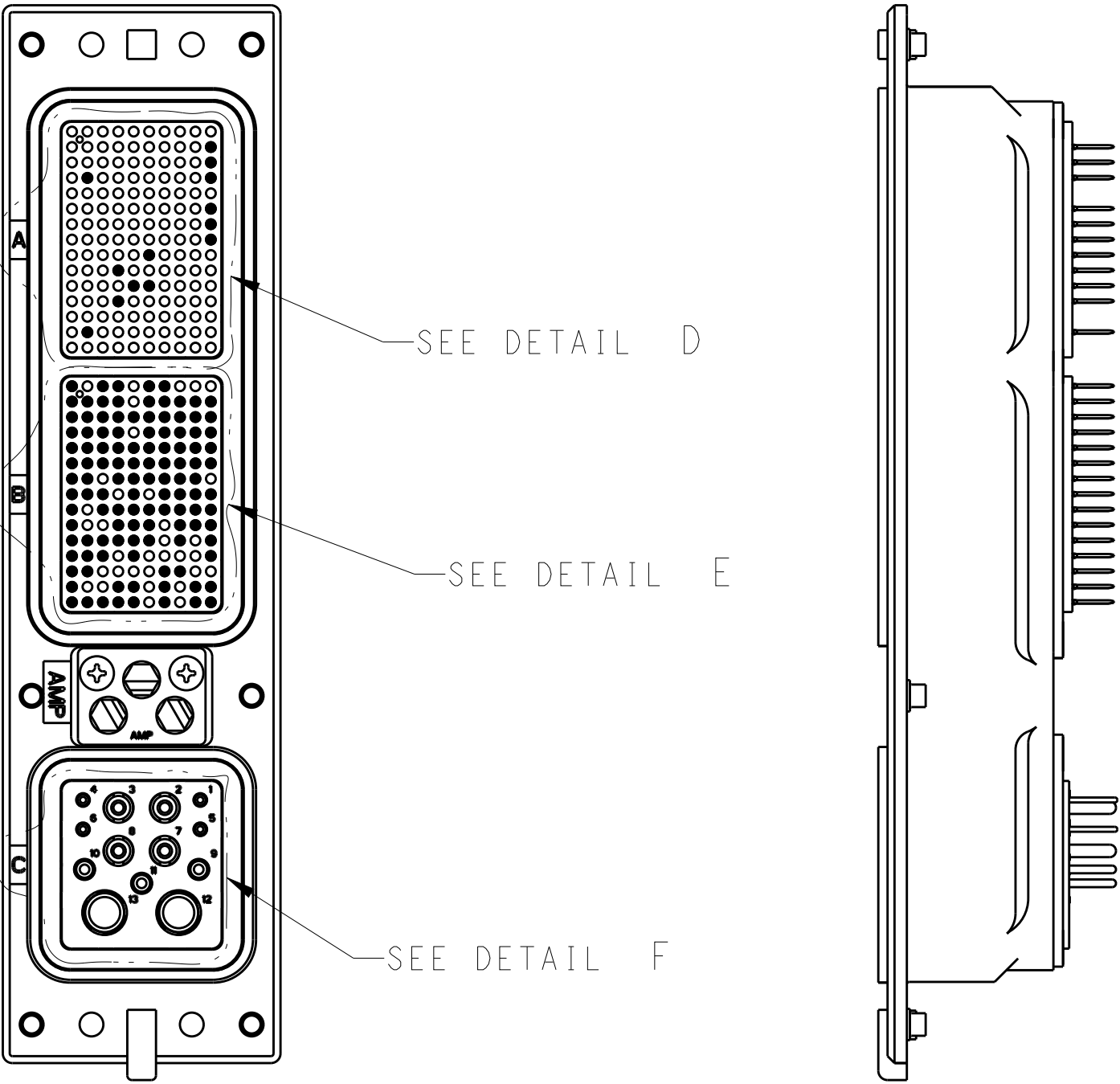


DETAIL C
SCALE 4:1

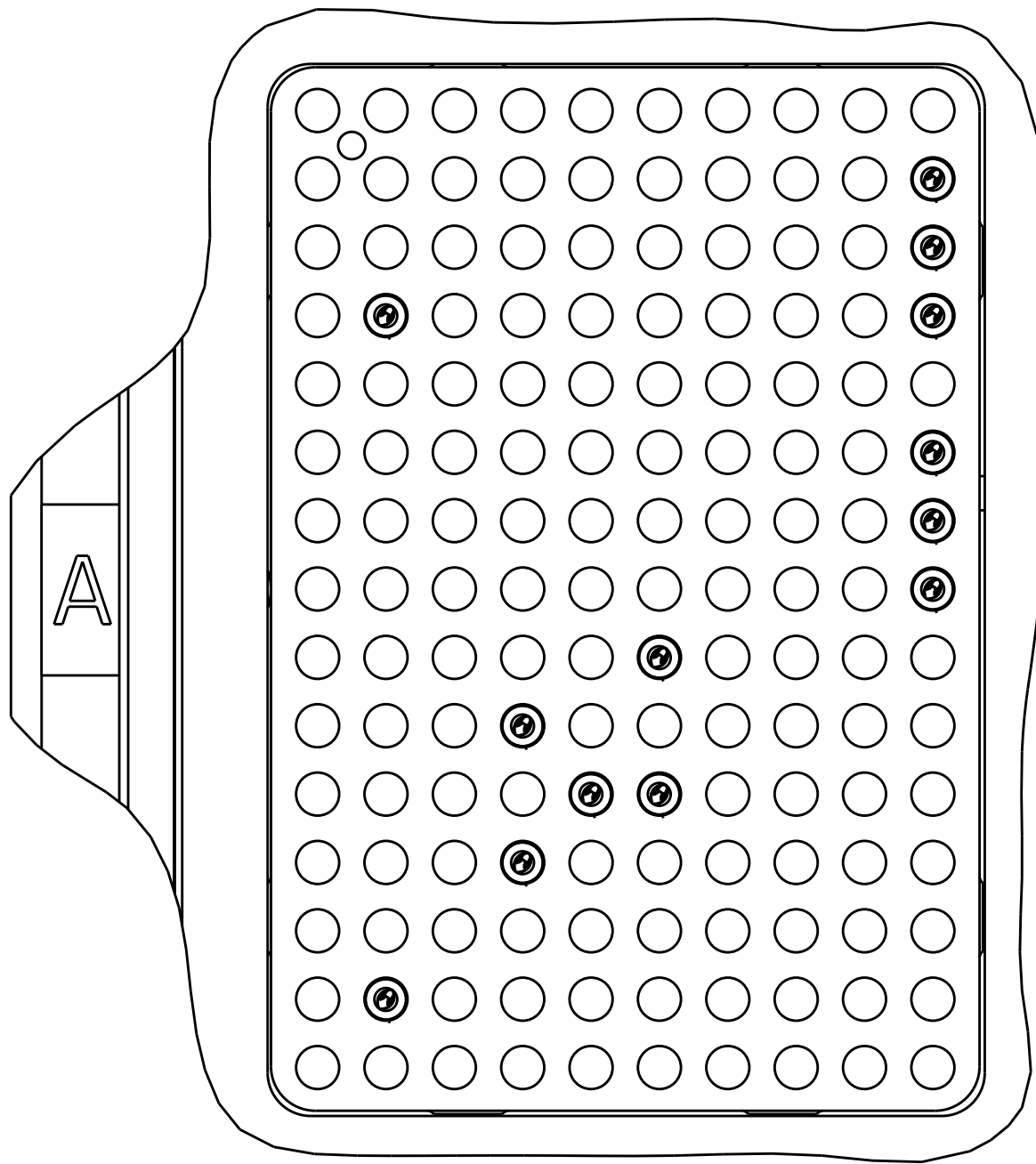
○ = NO CONTACTS
(SEAL PLUGS INSTALLED)

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER: ASME Y14.5M-2009		DWN C.C. THOMAS 5-24-12	TE Connectivity
		CHK W. BERNHART 5-24-12	
DIMENSIONS: [INCHES][mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD W. BERNHART 5-24-12	NAME RECEPTACLE ASSY, SIZE 2, ARINC 600 (150/150/13C2) WITH SELECT LOAD, S and F SZ 22 CONTACTS
		PRODUCT SPEC	
	0 PLC ±" 1 PLC ±" 2 PLC ±" 3 PLC ±.005 (0.13) 4 PLC ±" ANGLES ±" FINISH	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO A100779C=2221242
		WEIGHT	
MATERIAL SEE TABLE	SEE TABLE	CUSTOMER DRAWING	RESTRICTED TO -
		SCALE 3:2	SHEET 2 OF 4 REV E

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
-	-	-	-	SEE SHEET 1	-	-

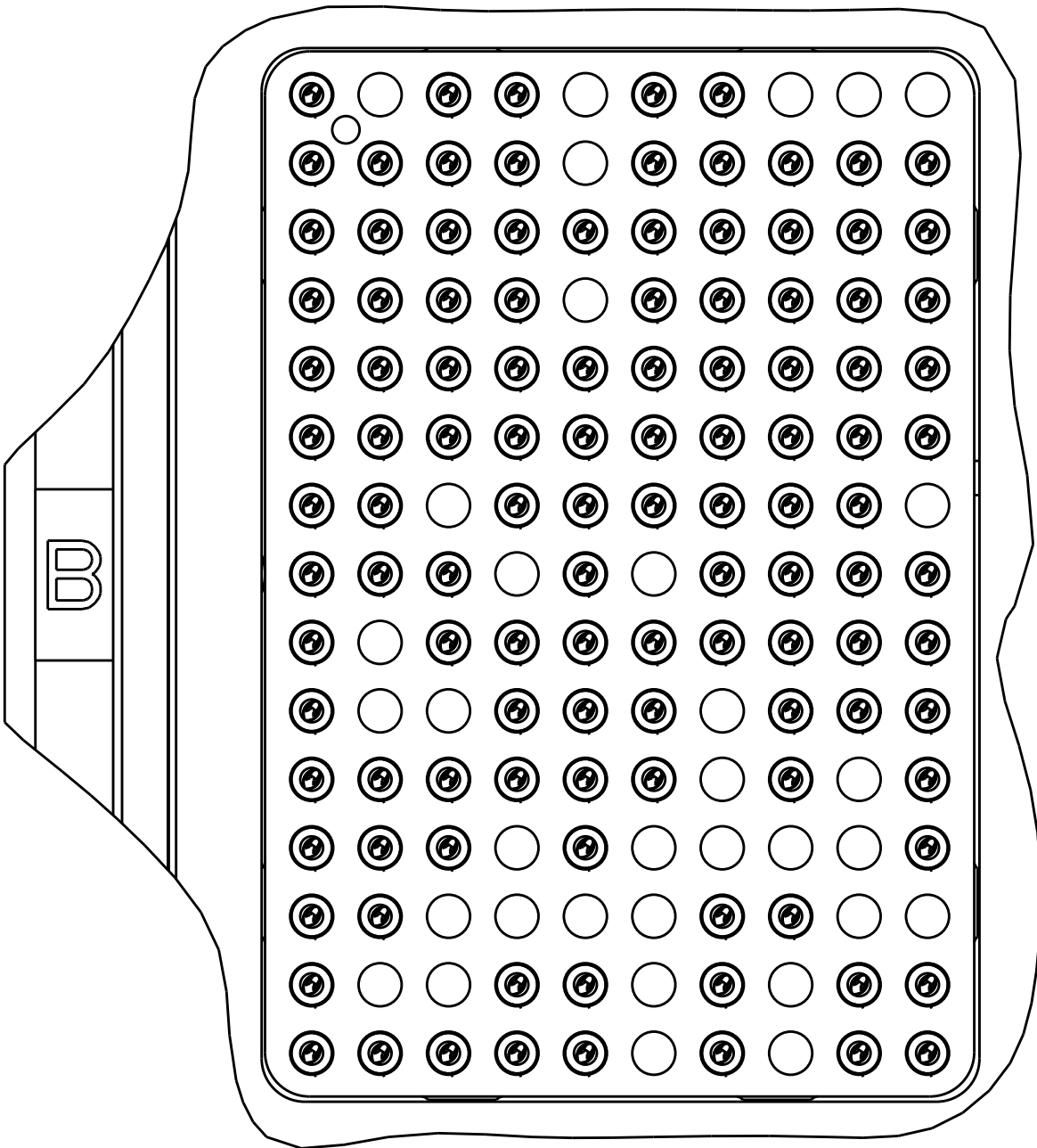


LOADING CHART FOR 2221242-2



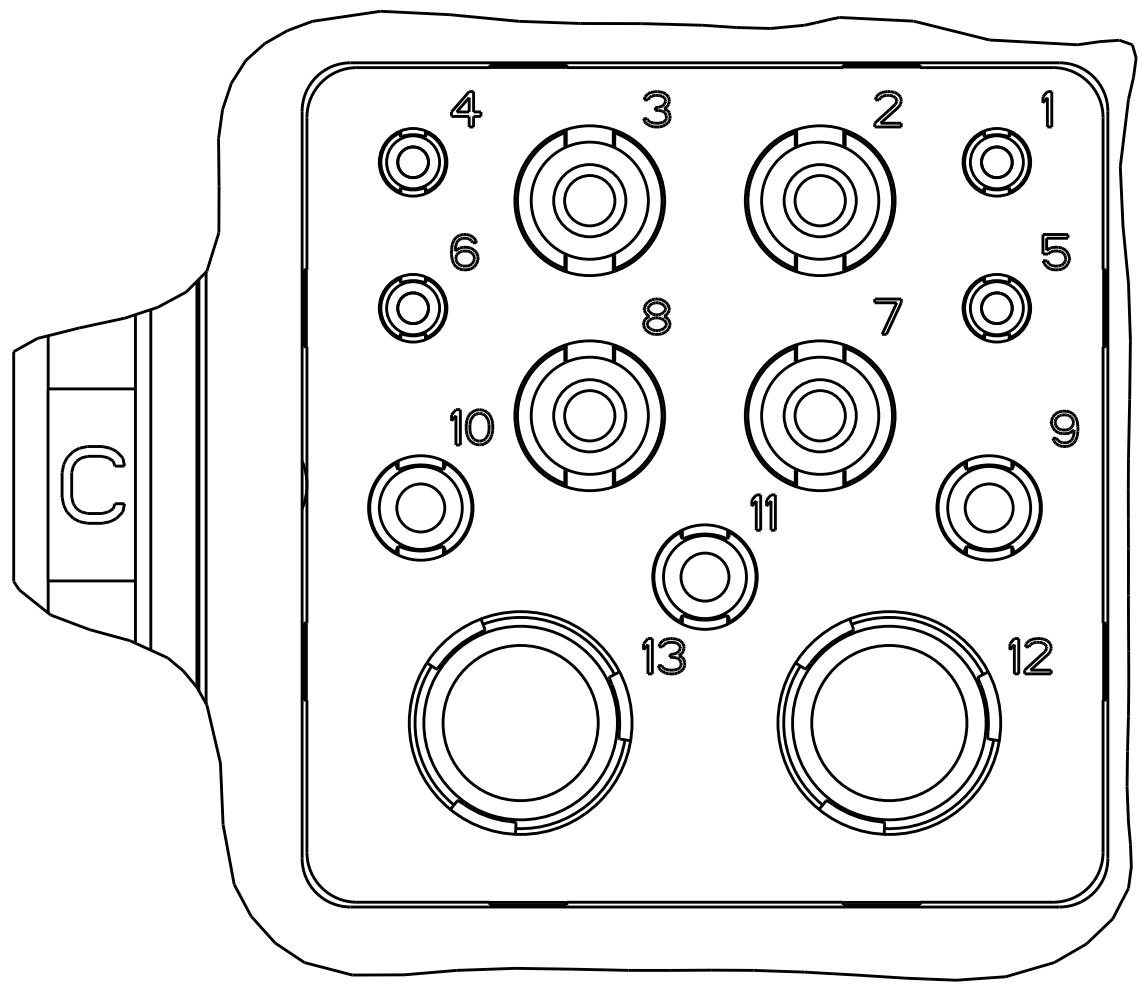
DETAIL D
SCALE 4:1

○ = NO CONTACTS
(NON-REMOVABLE
FILLER PLUGS)



DETAIL E
SCALE 4:1

○ = NO CONTACTS
(NON-REMOVABLE
FILLER PLUGS)

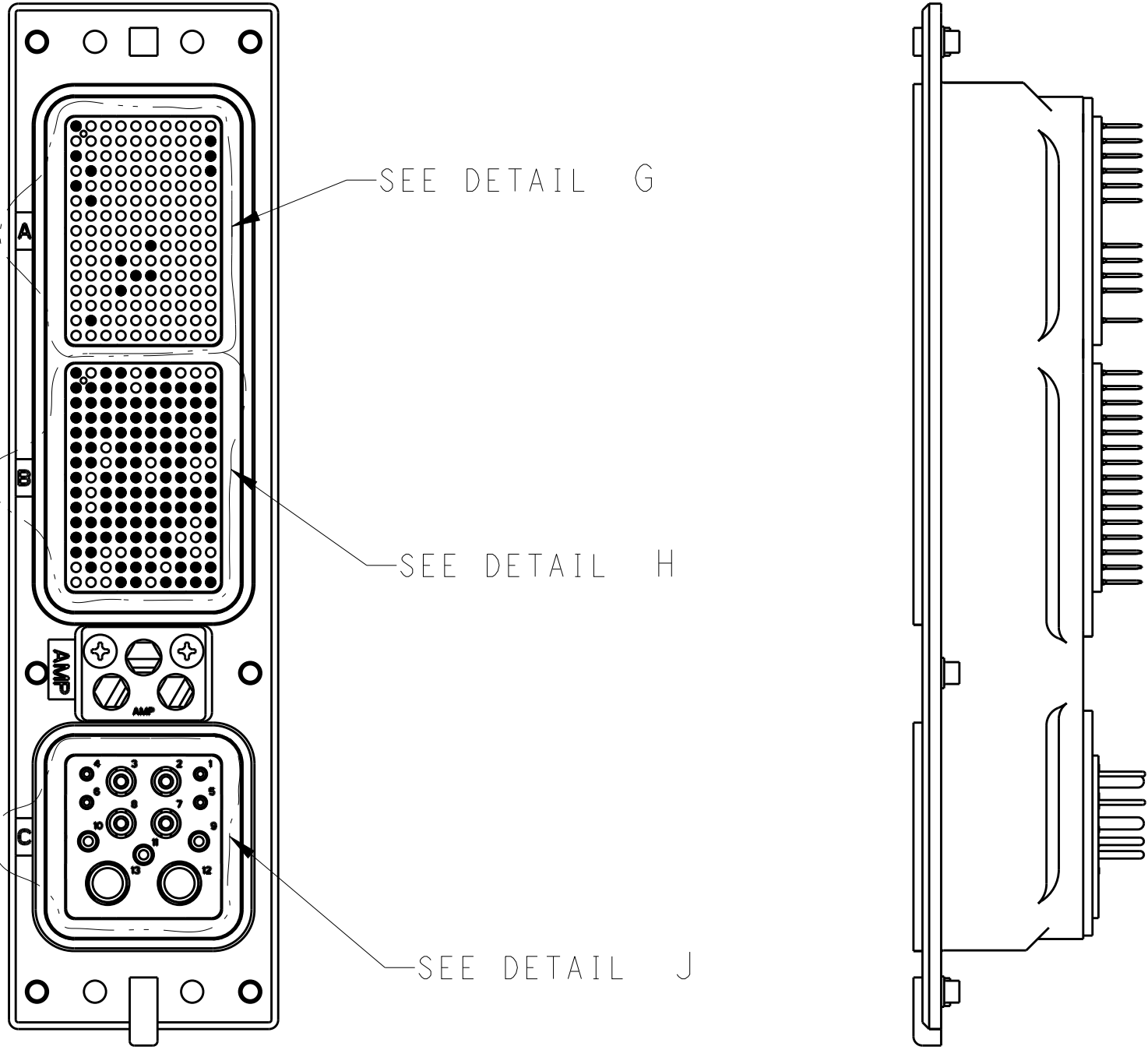


DETAIL F
SCALE 4:1

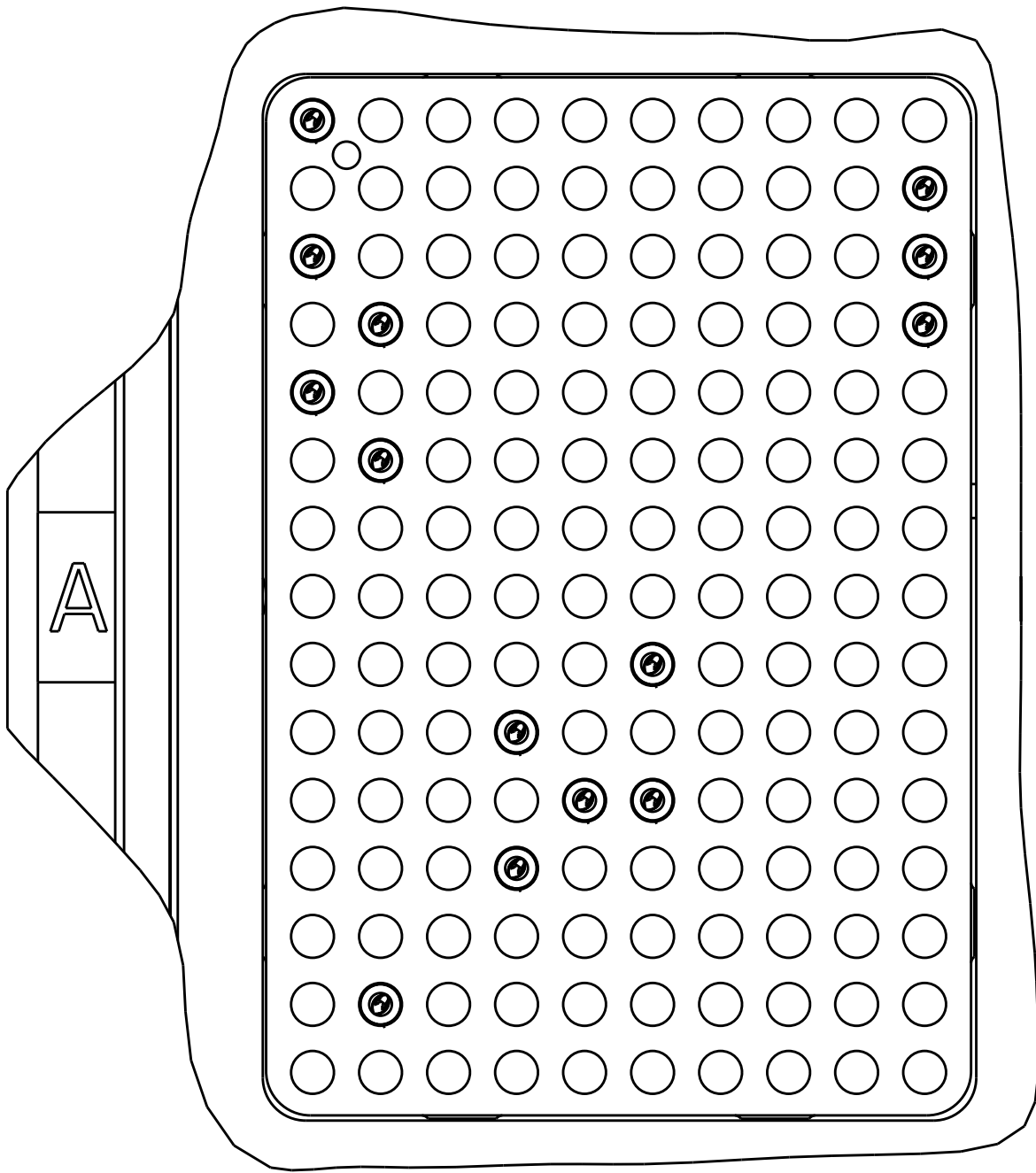
○ = NO CONTACTS
(SEAL PLUGS INSTALLED)

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN C.C. THOMAS 5-24-12	TE Connectivity	
DIMENSIONS: [INCHES[mm]]		CHK W. BERNHART 5-24-12		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W. BERNHART 5-24-12	NAME RECEPTACLE ASSY, SIZE 2, ARINC 600 (150/150/13C2) WITH SELECT LOAD, S and F SZ 22 CONTACTS	
0 PLC ±.010 1 PLC ±.010 2 PLC ±.010 3 PLC ±.005 (0.13) 4 PLC ±.010 ANGLES ±.010		PRODUCT SPEC	SIZE A100779C=2221242	
MATERIAL SEE TABLE		APPLICATION SPEC	RESTRICTED TO -	
FINISH SEE TABLE		WEIGHT -	SCALE 3:2	
CUSTOMER DRAWING		SHEET 3 OF 4		REV E

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
-	-	-	-	SEE SHEET 1	-	-

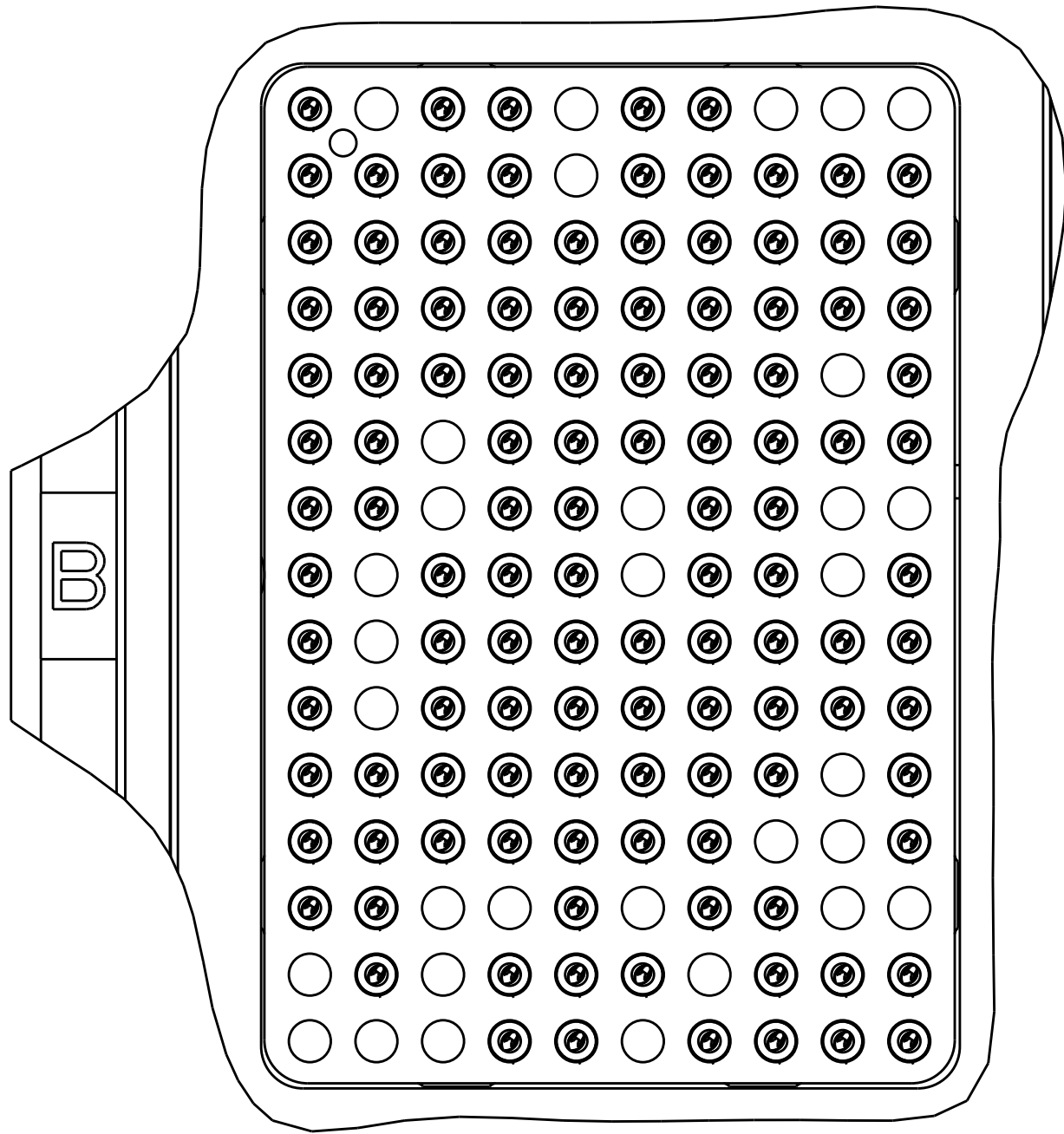


LOADING CHART FOR 2221242-3



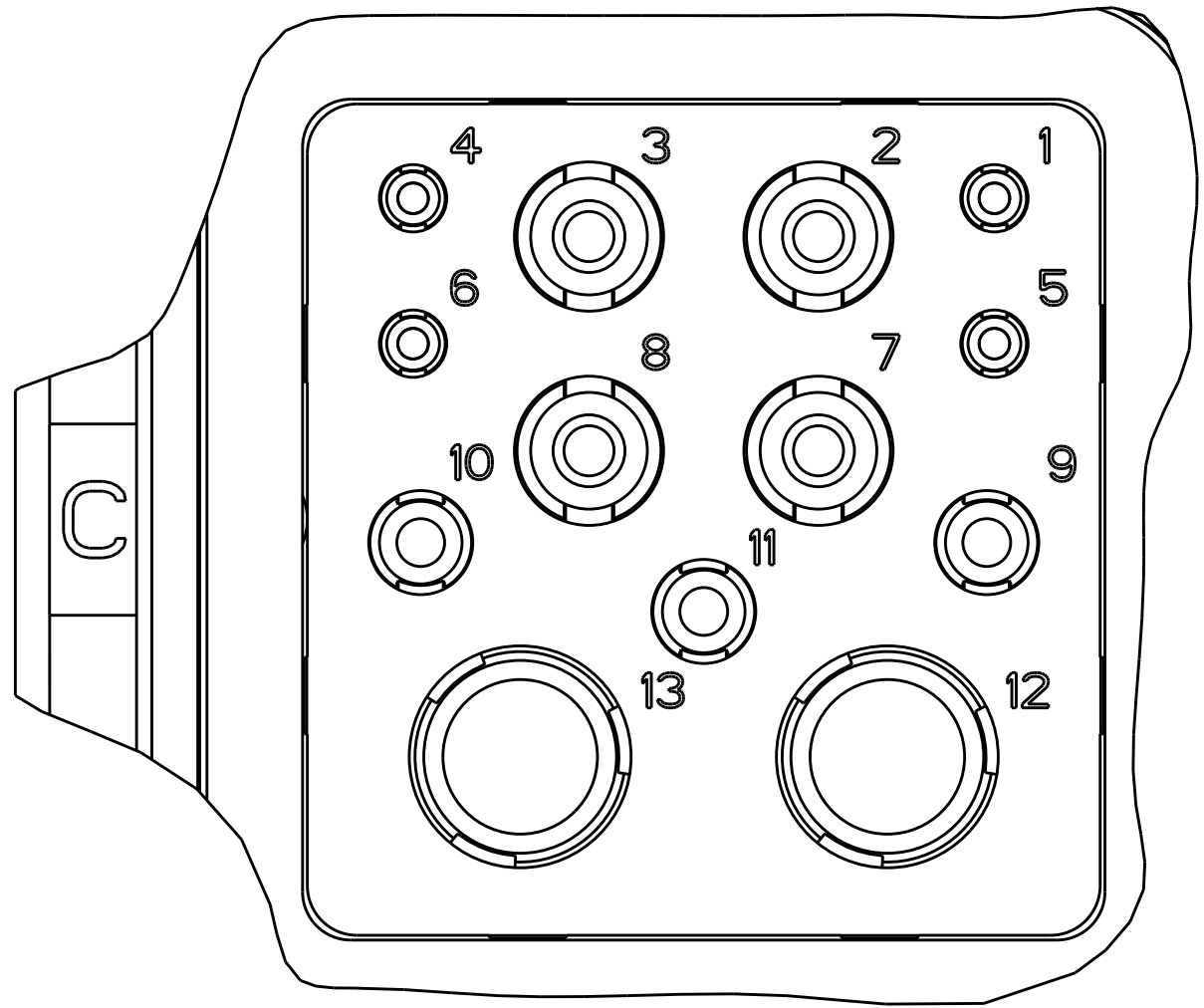
DETAIL G
SCALE 4:1

○ = NO CONTACTS
(NON-REMOVABLE
FILLER PLUGS)



DETAIL H
SCALE 4:1

○ = NO CONTACTS
(NON-REMOVABLE
FILLER PLUGS)



DETAIL J
SCALE 4:1

○ = NO CONTACTS
(SEAL PLUGS INSTALLED)

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN C.C. THOMAS	5-24-12	TE Connectivity	
		CHK W. BERNHART	5-24-12		
DIMENSIONS: [INCHES][mm]		APVD W. BERNHART	5-24-12	NAME RECEPTACLE ASSY, SIZE 2, ARINC 600 (150/150/13C2) WITH SELECT LOAD, S and F SZ 22 CONTACTS	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC ±.005 (0.13)		APPLICATION SPEC		SIZE A100779	
ANGLES ±.005 (0.13)		WEIGHT			
FINISH SEE TABLE		CUSTOMER DRAWING		SCALE 3:2	SHEET 4 OF 4
				REV E	