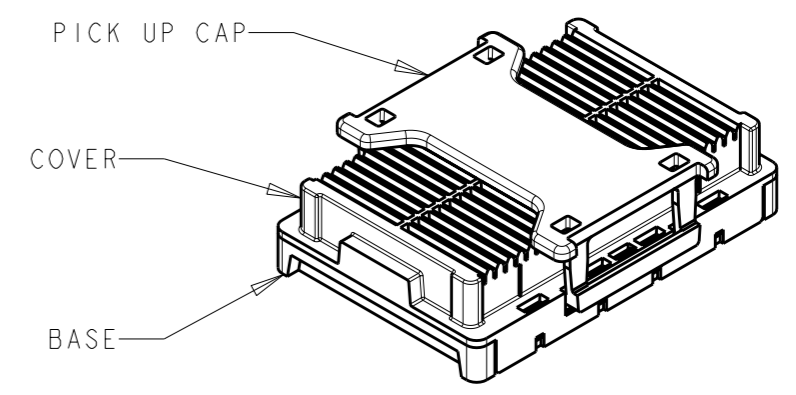
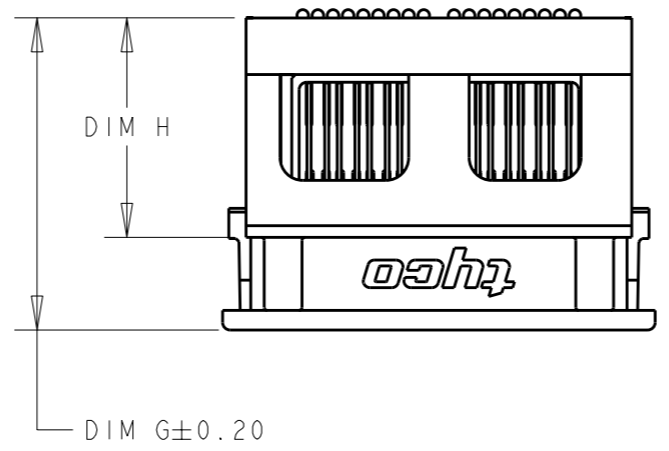
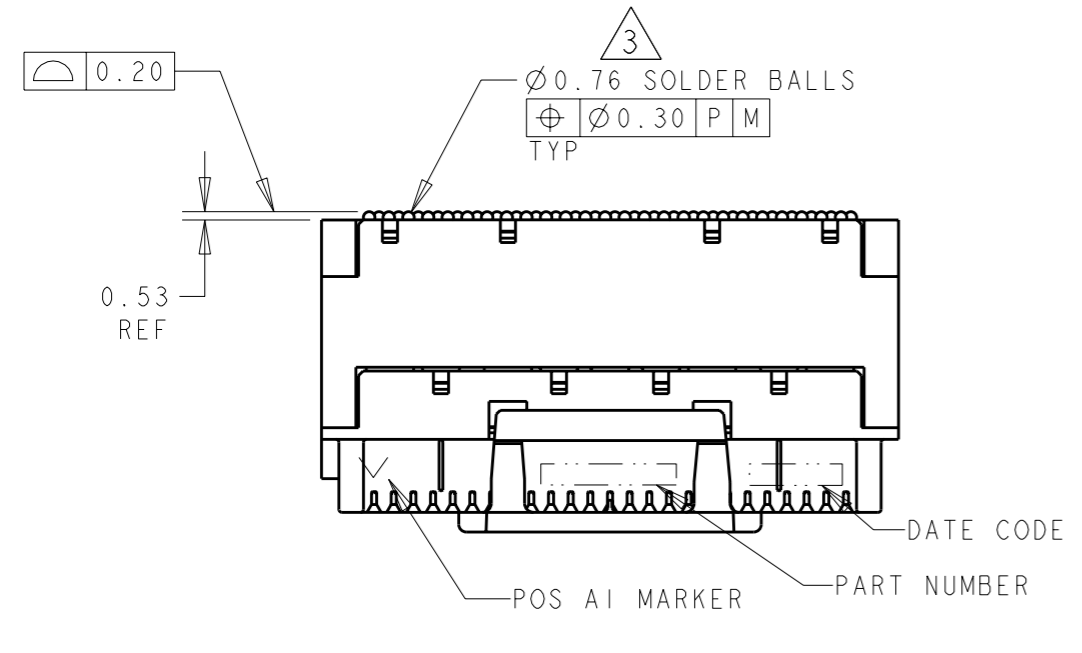


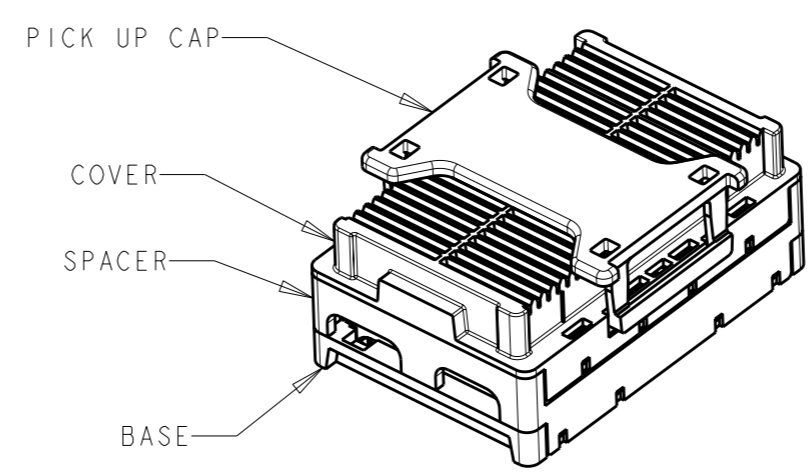
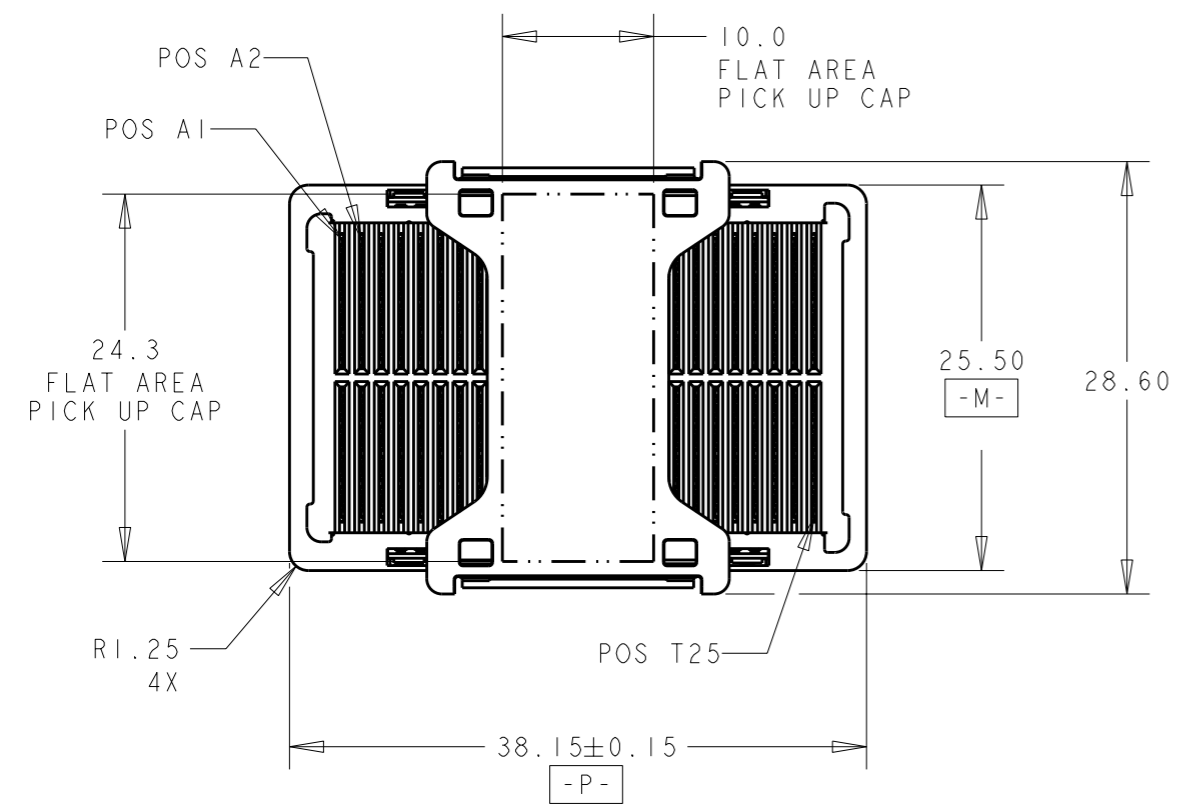
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	A2	REV PER ECO-06-015124	28JUN2006	BC DD
		A3	REV PER ECO-07-020814	05SEP2007	BC DD
		A4	REV PER ECO-07-026914	14NOV2007	BC DD

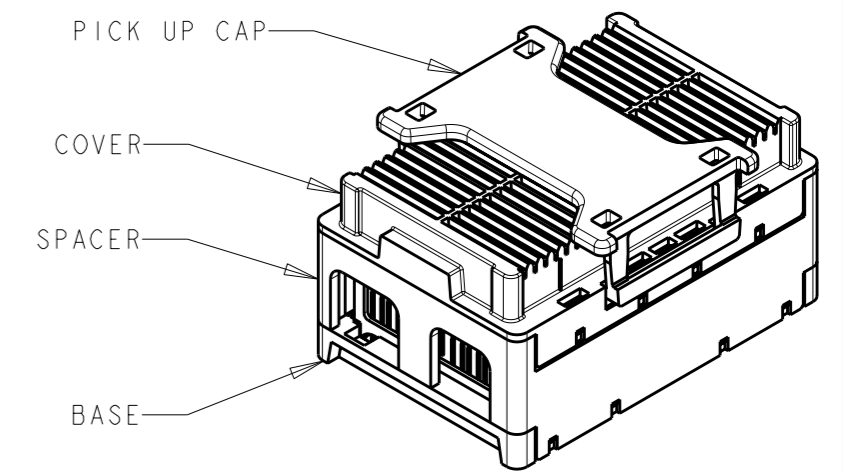


TYPICAL ASSEMBLY
 15mm SHOWN
 SCALE 2:1

ISOMETRIC VIEW
 TYPICAL CONFIGURATION
 FOR 5mm ASSEMBLY
 SCALE 3:2



ISOMETRIC VIEW
 TYPICAL CONFIGURATION
 FOR 11mm ASSEMBLY
 SCALE 3:2



ISOMETRIC VIEW
 TYPICAL CONFIGURATION
 FOR 15mm ASSEMBLY
 SCALE 3:2

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DIMENSIONS: mm		CHK D WERTZ 05JAN05	NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ± ANGLES ±2°		APVD D WERTZ 05JAN05	RESTRICTED TO	
MATERIAL 1		PRODUCT SPEC 108-2143	SIZE A3	CAGE CODE 000779
FINISH 2		APPLICATION SPEC 114-13101	DRAWING NO C-1761615	REV A4
CUSTOMER DRAWING		WEIGHT -	SCALE -	SHEET 1 OF 6

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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		-	SEE SHEET 1	-	-	-

- 1 MATERIAL:
 BASE, SPACER, COVER: THERMOPLASTIC
 PICK UP CAP: THERMOPLASTIC
 CONTACT: COPPER ALLOY
 SOLDER BALL: Sn/Pb FOR P/N 1761615-1 THRU 5-1761615-0
 Sn/Ag FOR P/N 5-1761615-1 THRU 9-1761615-9
- 2 FINISH:
 CONTACT: 0.00076 MIN GOLD OVER 0.00127 MIN NICKEL.
 (30μ" MIN GOLD OVER 50μ" MIN NICKEL)
- 3 SOLDER BALLS WILL NOT BE PERFECT
 SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- 4 CONTACTS IN ROWS A,C,E,G,J,K,M,P,R, AND T
 ARE SINGLE BEAM CONTACTS,
 TYPICALLY USED AS GROUND PINS.
 (NOTE: CONTACTS IN ROWS J & K ARE TIED
 TOGETHER [COMMONED]).
- 5 CONTACTS IN ROWS B,D,F,H,L,N,Q, AND S
 ARE DUAL BEAM CONTACTS,
 TYPICALLY USED AS SIGNAL PINS.
- 6 SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD
 LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE
 OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS
 SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED
 PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE
 APPLICATION SPEC 114-13101.
- 7 SOLDER PADS UNUSED, MAY BE OMITTED.
- 8 REFERENCE BOARD PATTERN FOR DIMENSIONS
 AND DETAILS NOT SHOWN.

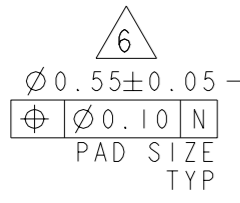
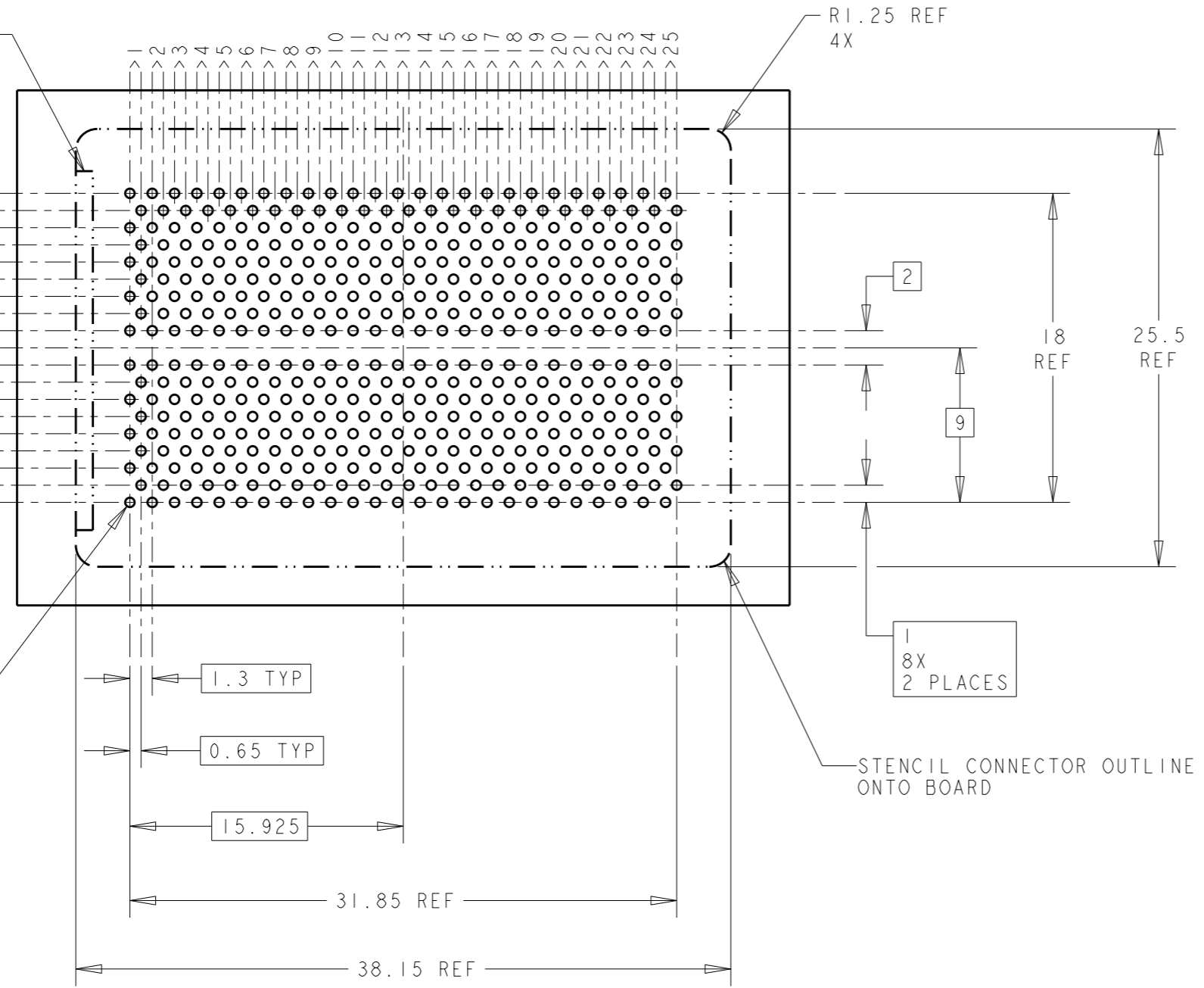
DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER
14.51	20.65	SELECT LOAD-112 POSN-SEE VIEW 35	15mm Sn/Ag	8-1761615-5
14.51	20.65	SELECT LOAD-104 POSN-SEE VIEW 32	15mm Sn/Ag	8-1761615-2
4.51	10.65	SELECT LOAD-104 POSN-SEE VIEW 31	5mm Sn/Ag	8-1761615-1
14.51	20.65	FULL LOAD-200 POSN	15mm Sn/Ag	6-1761615-5
10.51	16.65	FULL LOAD-200 POSN	11mm Sn/Ag	6-1761615-1
4.51	10.65	FULL LOAD-200 POSN	5mm Sn/Ag	5-1761615-5
14.51	20.65	SELECT LOAD-120 POSN-SEE VIEW 33	15mm Sn/Pb	3-1761615-3
14.51	20.65	SELECT LOAD-104 POSN-SEE VIEW 32	15mm Sn/Pb	3-1761615-2
4.51	10.65	SELECT LOAD-104 POSN-SEE VIEW 31	5mm Sn/Pb	3-1761615-1
14.51	20.65	FULL LOAD-200 POSN	15mm Sn/Pb	1-1761615-5
10.51	16.65	FULL LOAD-200 POSN	11mm Sn/Pb	1-1761615-1
4.51	10.65	FULL LOAD-200 POSN	5mm Sn/Pb	1761615-5

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DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±- ANGLES ±2°	PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT -	NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO -
MATERIAL -	FINISH -	CUSTOMER DRAWING	SCALE - SHEET 2 OF 6 REV A4

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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	-	SEE SHEET 1	-	-	

KEY ORIENTATION
SILK-SCREEN
(OPTIONAL)



BOARD PATTERN
SCALE 3:1

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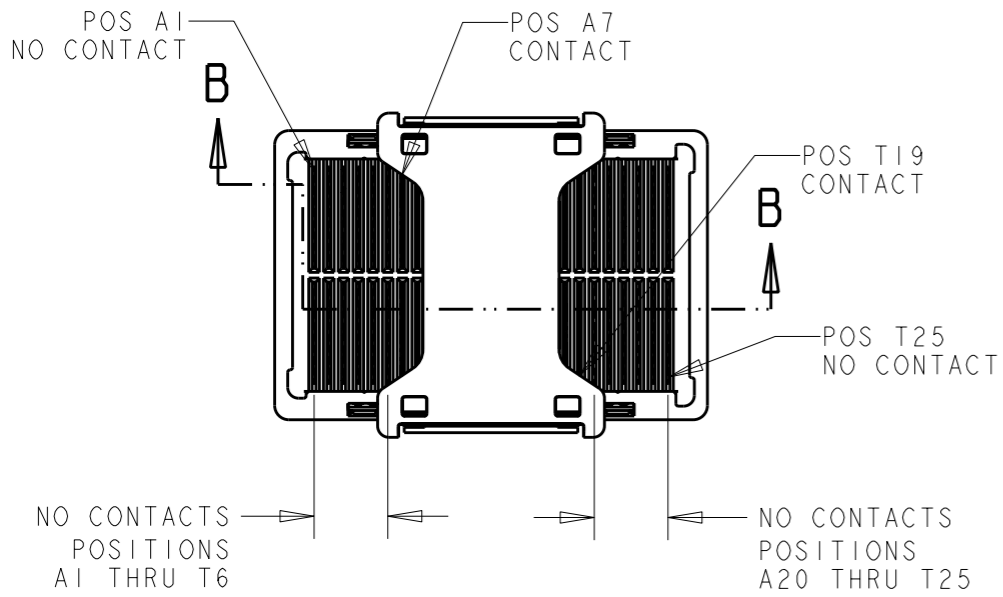
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ±-
	1 PLC ±0.3
	2 PLC ±0.10
	3 PLC ±0.050
	4 PLC ±-
	ANGLES ±2°
MATERIAL -	FINISH -

DWN	P BRANDBERG	21DEC04
CHK	D WERTZ	05JAN05
APVD	D WERTZ	05JAN05
PRODUCT SPEC	108-2143	
APPLICATION SPEC	114-13101	
WEIGHT	-	
CUSTOMER DRAWING		

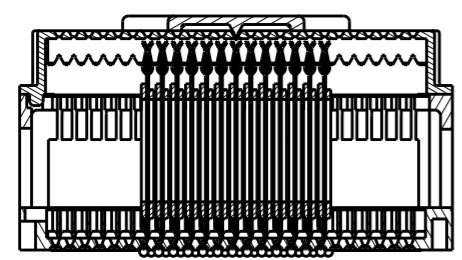
		Tyco Electronics Harrisburg, PA 17105-3608	
NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1761615	-
SCALE -		SHEET 3 OF 6	REV A4

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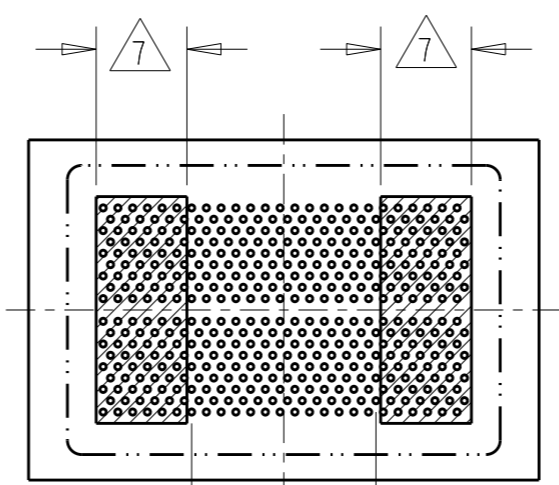
LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	-	SEE SHEET 1	-	-	



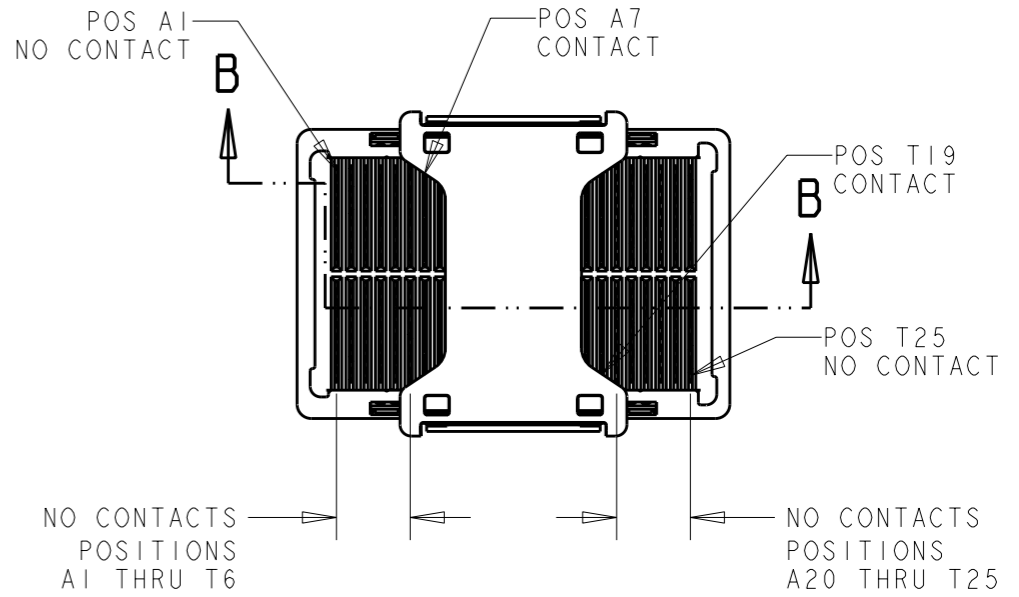
VIEW 32
 SELECT LOAD 15mm 104 POSITION
 SCALE 3:2



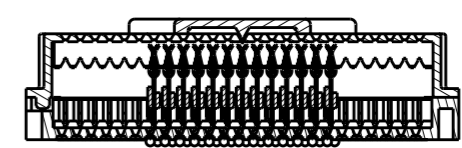
SECTION B-B



VIEW 31 & VIEW 32
 SELECT LOAD 104 POSITION
 BOARD PATTERN
 SCALE 3:2



VIEW 31
 SELECT LOAD 5mm 104 POSITION
 SCALE 3:2



SECTION B-B

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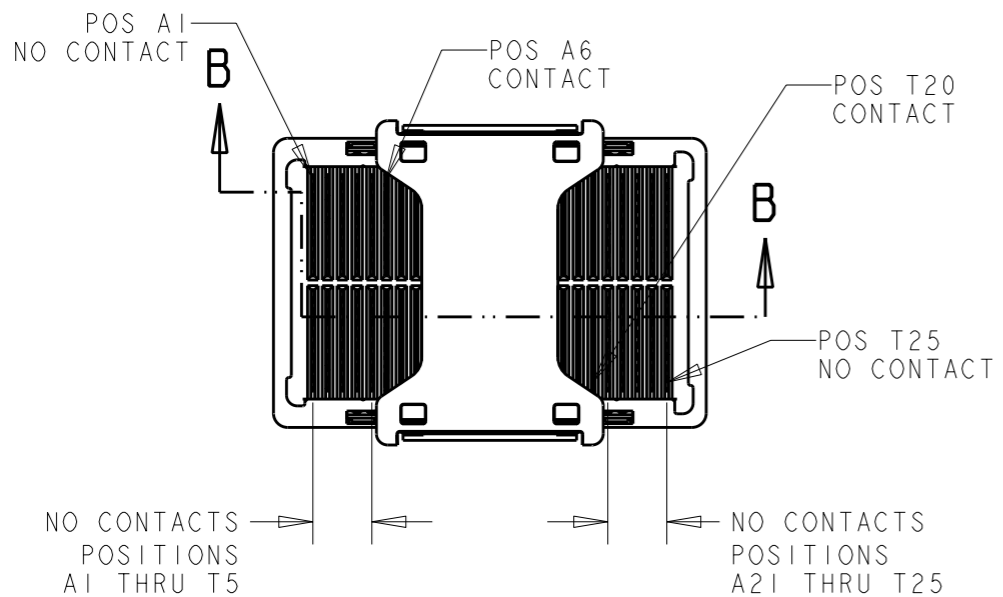
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC	±
		1 PLC	±0.3
		2 PLC	±0.10
		3 PLC	±0.050
		4 PLC	±
		ANGLES	±2°
MATERIAL	-	FINISH	-

DWN	P BRANDBERG	21DEC04
CHK	D WERTZ	05JAN05
APVD	D WERTZ	05JAN05
PRODUCT SPEC	108-2143	
APPLICATION SPEC	114-13101	
WEIGHT	-	
CUSTOMER DRAWING		

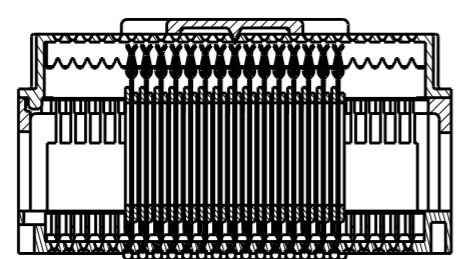
		Tyco Electronics Harrisburg, PA 17105-3608	
NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1761615	-
SCALE		SHEET	REV
-		4 OF 6	A4

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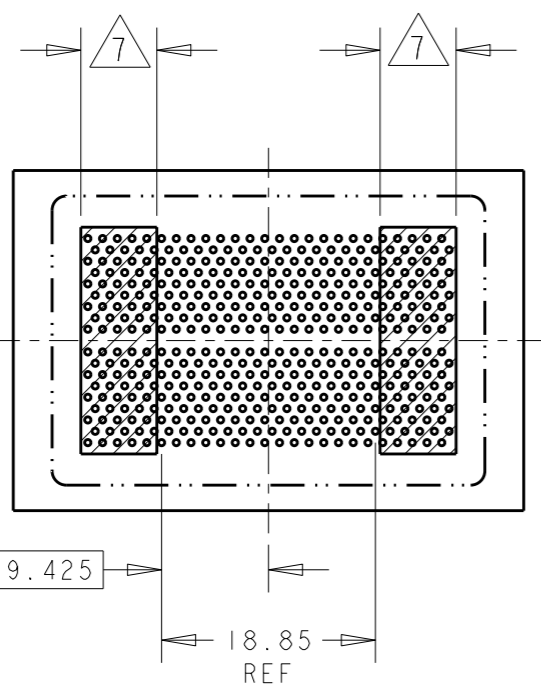
LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	-	SEE SHEET 1	-	-	



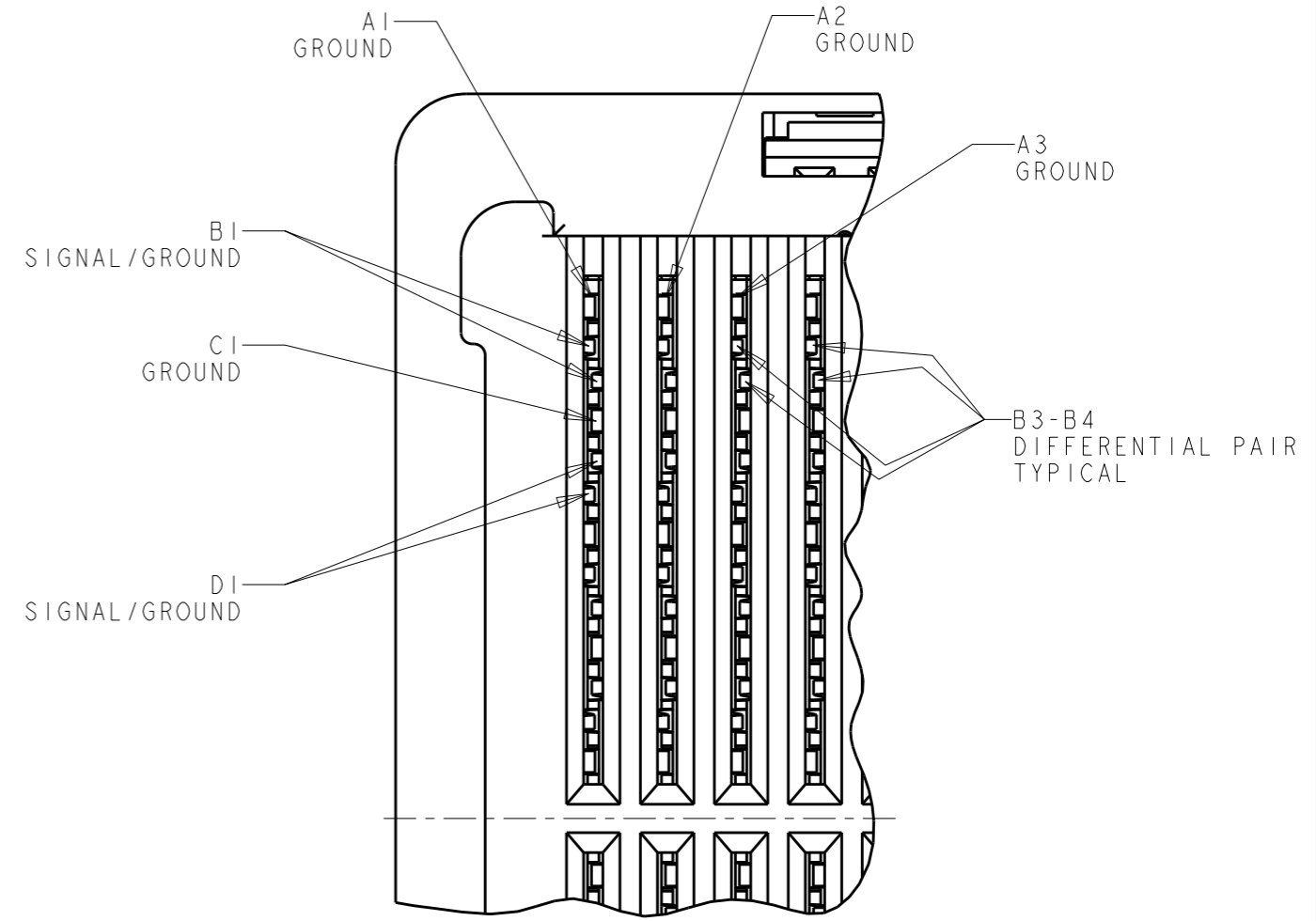
VIEW 33
 SELECT LOAD 15mm 120 POSITION
 SCALE 3:2



SECTION B-B



VIEW 33
 SELECT LOAD 120 POSITION
 BOARD PATTERN
 SCALE 3:2



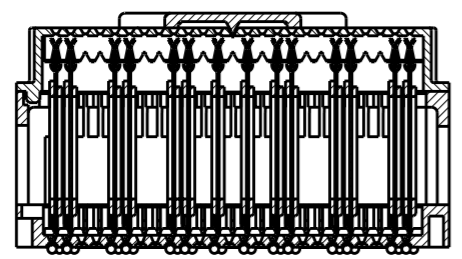
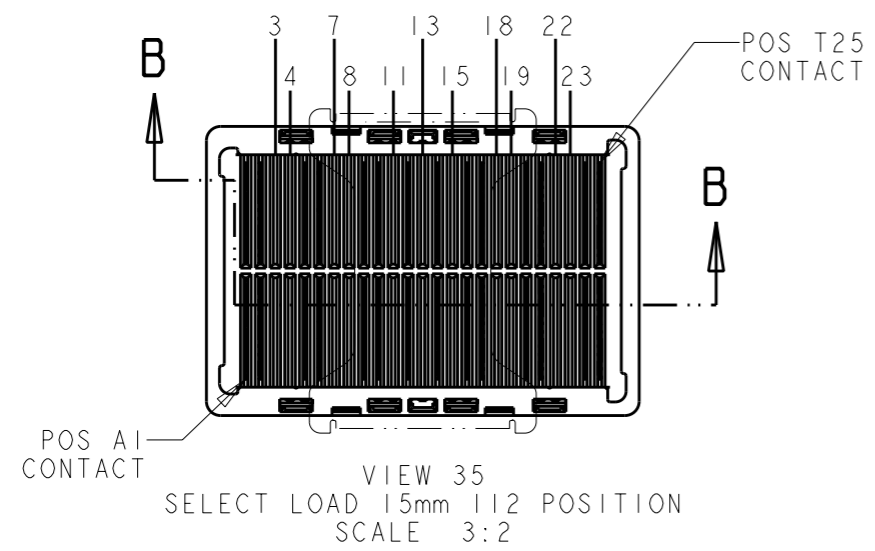
RECEPTACLE INTERFACE
 SCALE 8:1

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ± ANGLES ±2°		NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION	
		PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101		SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO -	
MATERIAL - FINISH -		WEIGHT -		SCALE - SHEET 5 OF 6 REV A4	
CUSTOMER DRAWING				-	

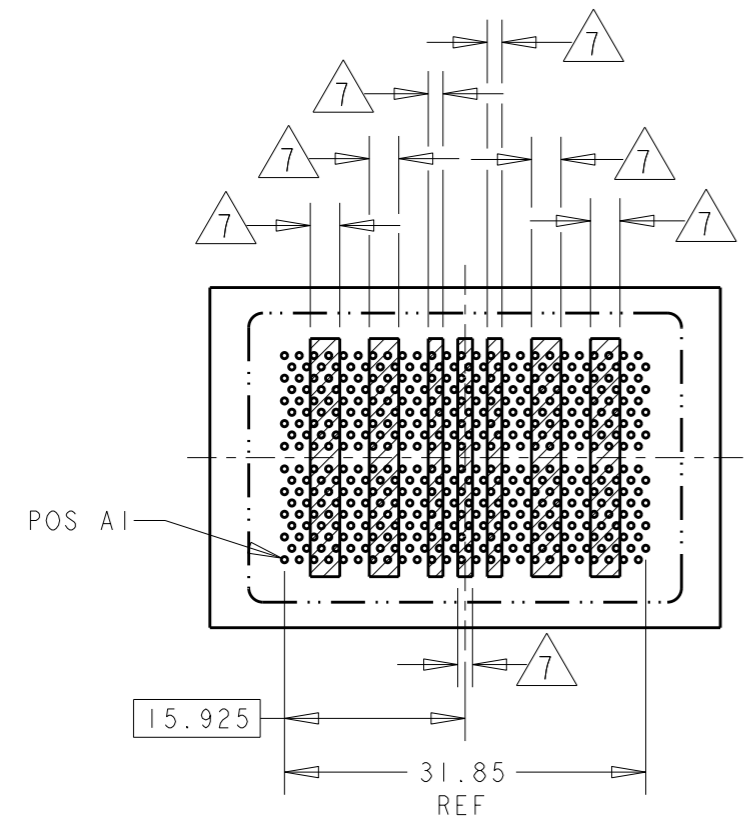
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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	-	SEE SHEET 1	-	-	

NO CONTACTS IN THESE COLUMNS



SECTION B-B



VIEW 35
 SELECT LOAD 112 POSITION
 BOARD PATTERN
 SCALE 3:2

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 SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
	0 PLC ±-	1 PLC ±0.3	2 PLC ±0.10
	3 PLC ±0.050	4 PLC ±-	ANGLES ±2°
MATERIAL -	FINISH -		

DWN	P BRANDBERG	21DEC04
CHK	D WERTZ	05JAN05
APVD	D WERTZ	05JAN05
PRODUCT SPEC	108-2143	
APPLICATION SPEC	114-13101	
WEIGHT	-	
CUSTOMER DRAWING		

		Tyco Electronics Harrisburg, PA 17105-3608	
NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1761615	-
SCALE -		SHEET 6 OF 6	REV A4