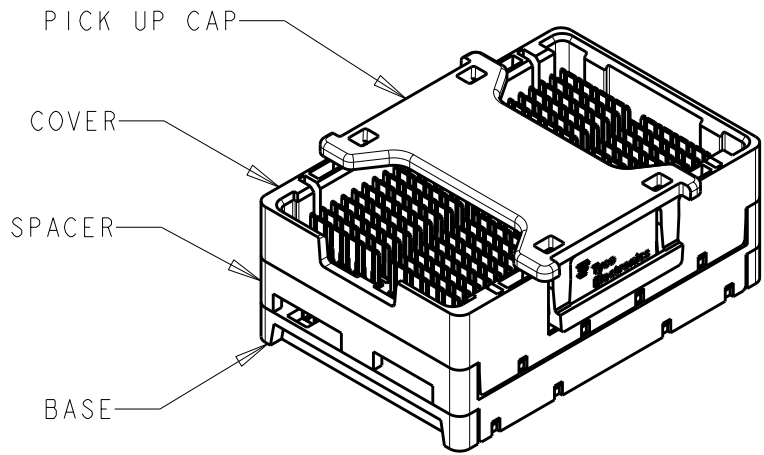
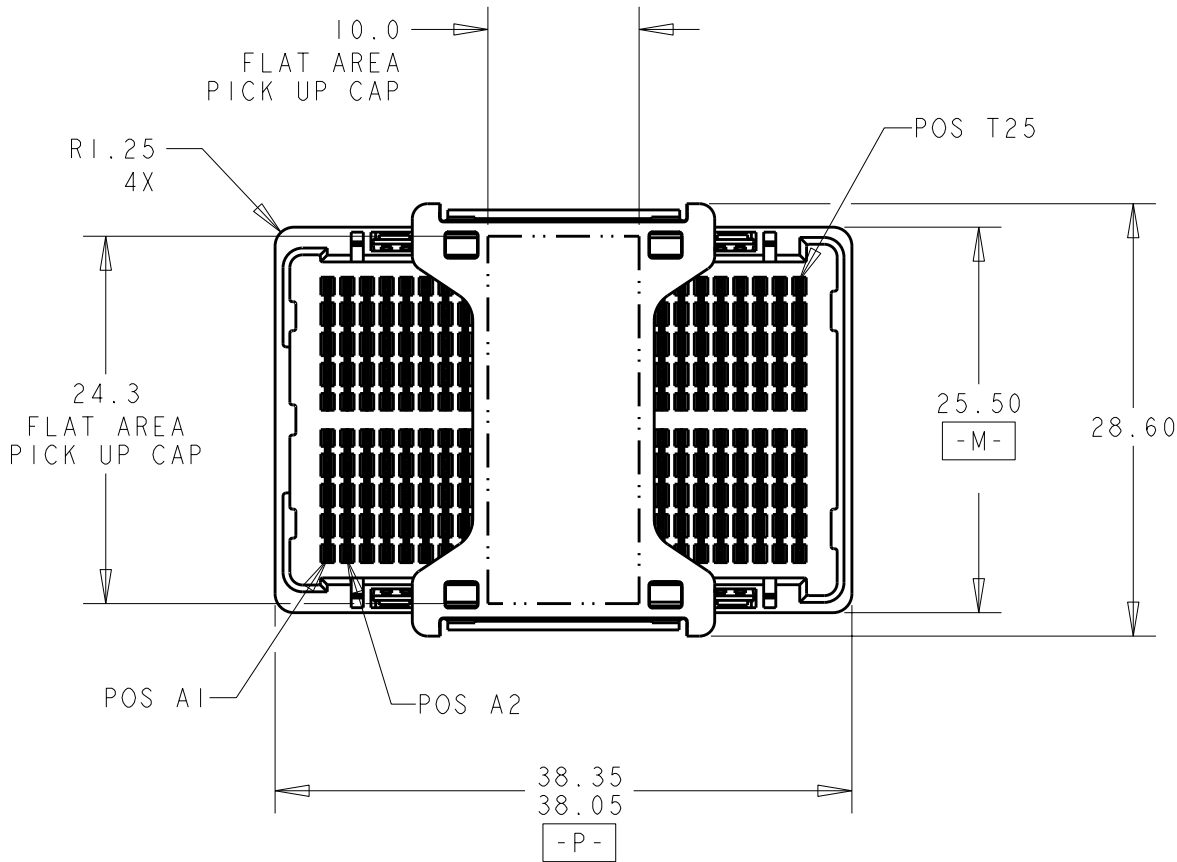
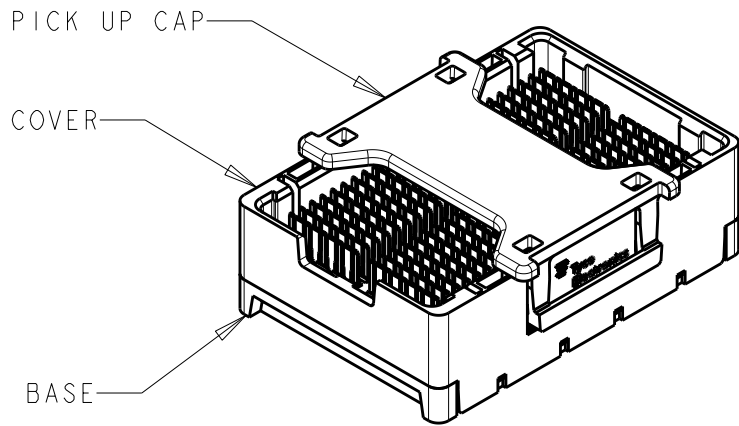
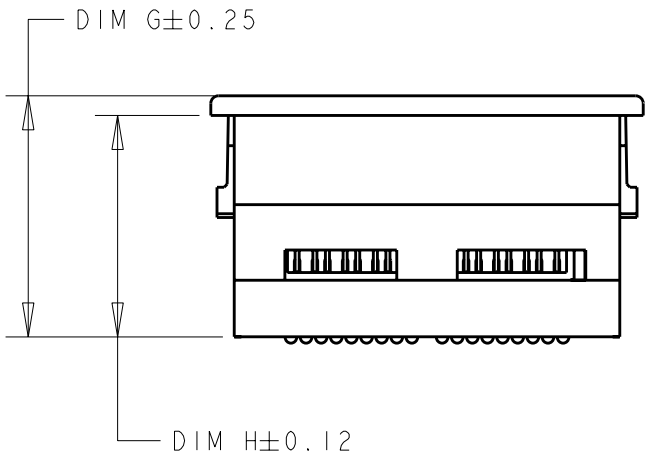
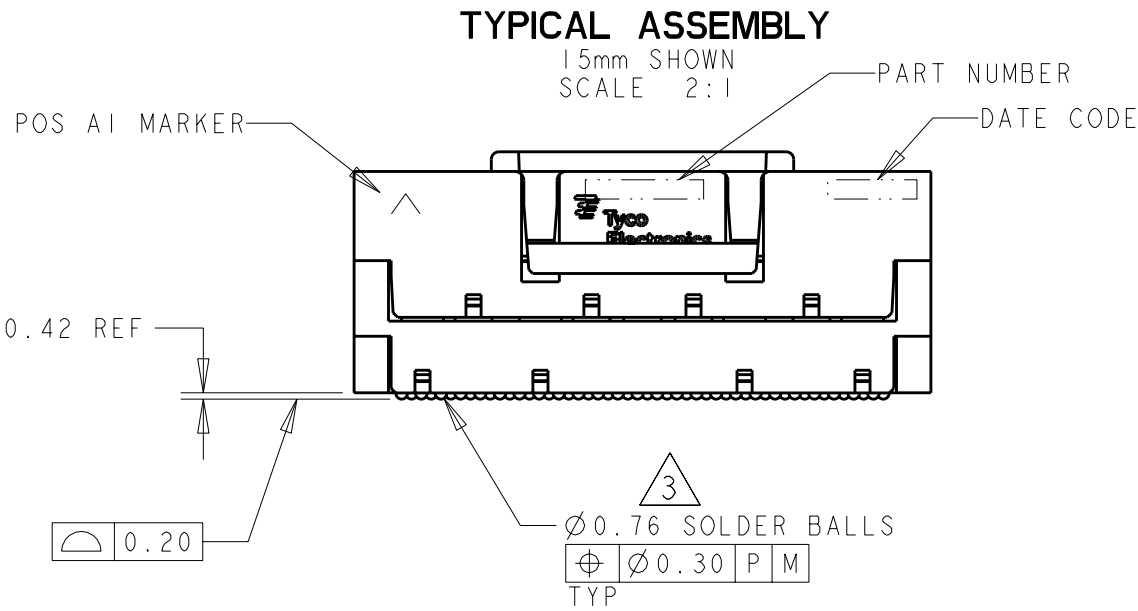


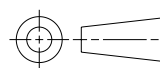
2		1					
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A6	REVISED PER ECO-11-005139	13MAY2011	RK	HMR



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
15mm, 20mm & 25mm ASSEMBLY
SCALE 3:2



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
10mm, 12mm, & 13mm ASSEMBLY
SCALE 3:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG CHK D WERTZ APVD D WERTZ		17DEC04 05JAN05 05JAN05		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±- ANGLES ±2°		STEP-Z, PLUG ASSEMBLY, 200 SIGNAL POSITION -			
MATERIAL 		FINISH 		PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101		SIZE A3	
				WEIGHT -		CAGE CODE 00779	
						DRAWING NO C-1761614	
						RESTRICTED TO -	
				CUSTOMER DRAWING		SCALE -	
						SHEET 1	
						OF 5	
						REV A6	

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 1761614-1 THRU 5-1761614-0
Sn/Ag FOR P/N 5-1761614-1 THRU 9-1761614-9

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 ROW 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.

11.65	12.95	SELECT LOAD-112 POSN-SEE VIEW 35	12mm Sn/Ag	8-1761614-5
12.65	13.95	SELECT LOAD-104 POSN-SEE VIEW 31	13mm Sn/Ag	8-1761614-3
19.65	20.95	SELECT LOAD-104 POSN-SEE VIEW 31	20mm Sn/Ag	8-1761614-2
9.65	10.95	SELECT LOAD-104 POSN-SEE VIEW 31	10mm Sn/Ag	8-1761614-1
24.65	25.95	FULL LOAD-200 POSN	25mm Sn/Ag	7-1761614-5
19.65	20.95	FULL LOAD-200 POSN	20mm Sn/Ag	7-1761614-0
14.65	15.95	FULL LOAD-200 POSN	15mm Sn/Ag	6-1761614-5
12.65	13.95	FULL LOAD-200 POSN	13mm Sn/Ag	6-1761614-3
11.65	12.95	FULL LOAD-200 POSN	12mm Sn/Ag	6-1761614-2
9.65	10.95	FULL LOAD-200 POSN	10mm Sn/Ag	6-1761614-0
9.65	10.95	SELECT LOAD-120 POSN-SEE VIEW 34	10mm Sn/Pb	3-1761614-4
12.65	13.95	SELECT LOAD-104 POSN-SEE VIEW 31	13mm Sn/Pb	3-1761614-3
19.65	20.95	SELECT LOAD-104 POSN-SEE VIEW 31	20mm Sn/Pb	3-1761614-2
9.65	10.95	SELECT LOAD-104 POSN-SEE VIEW 31	10mm Sn/Pb	3-1761614-1
24.65	25.95	FULL LOAD-200 POSN	25mm Sn/Pb	2-1761614-5
19.65	20.95	FULL LOAD-200 POSN	20mm Sn/Pb	2-1761614-0
14.65	15.95	FULL LOAD-200 POSN	15mm Sn/Pb	1-1761614-5
12.65	13.95	FULL LOAD-200 POSN	13mm Sn/Pb	1-1761614-3
11.65	12.95	FULL LOAD-200 POSN	12mm Sn/Pb	1-1761614-2
9.65	10.95	FULL LOAD-200 POSN	10mm Sn/Pb	1-1761614-0
DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 17DEC04
CHK D WERTZ 05JAN05
APVD D WERTZ 05JAN05

PRODUCT SPEC
108-2143

APPLICATION SPEC
114-13101

WEIGHT -

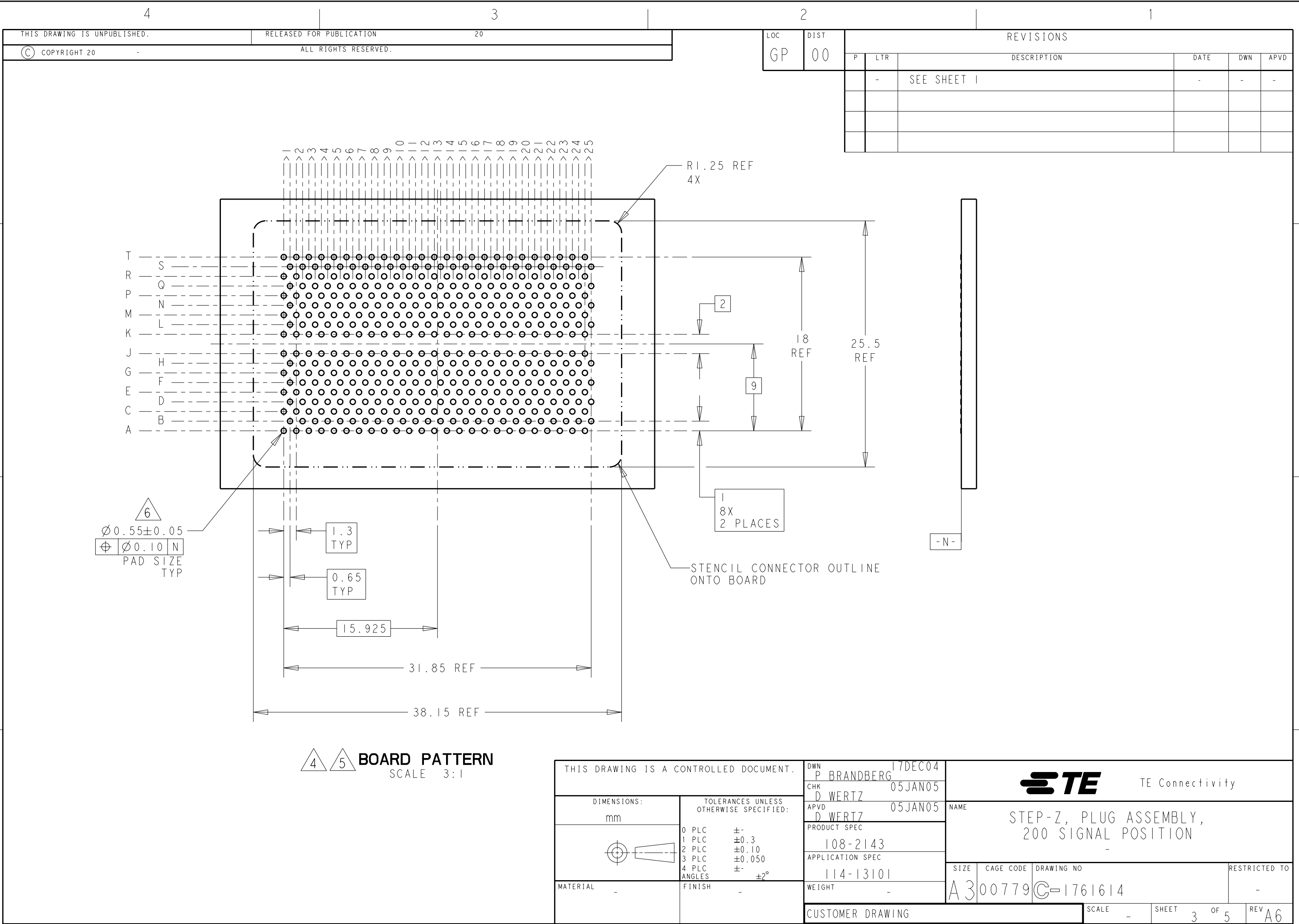
CUSTOMER DRAWING

TE Connectivity

STEP-Z, PLUG ASSEMBLY,
200 SIGNAL POSITION
-

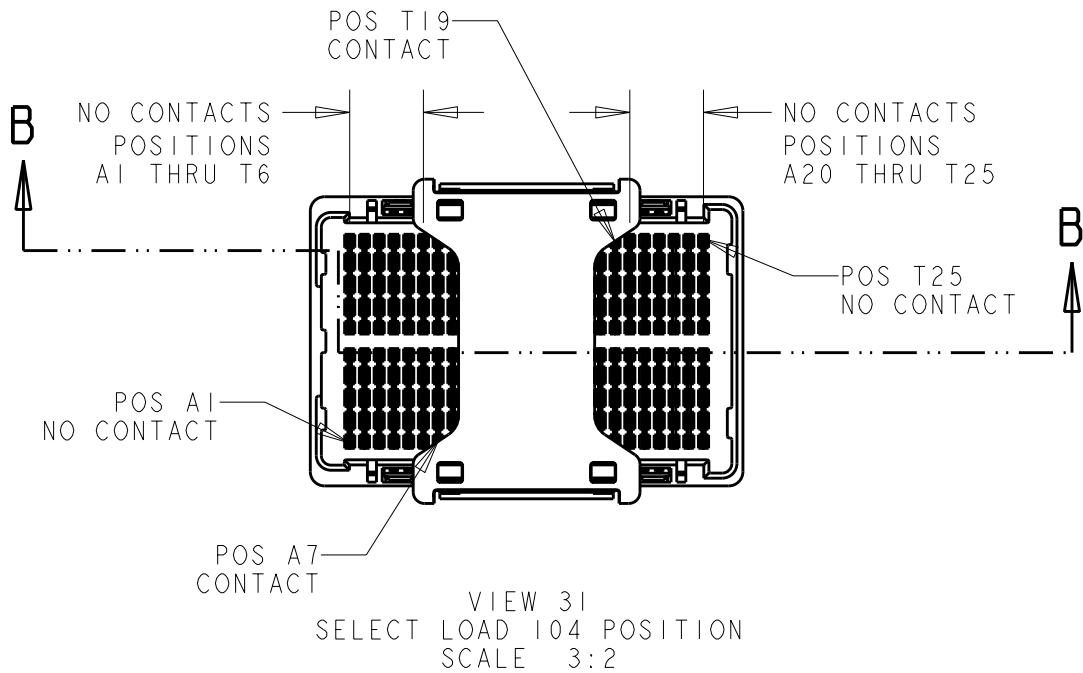
SIZE A3CAGE CODE 00779DRAWING NO C-1761614RESTRICTED TO -

SCALE -SHEET 2 OF 5REV A6

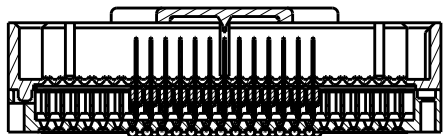


LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-

D

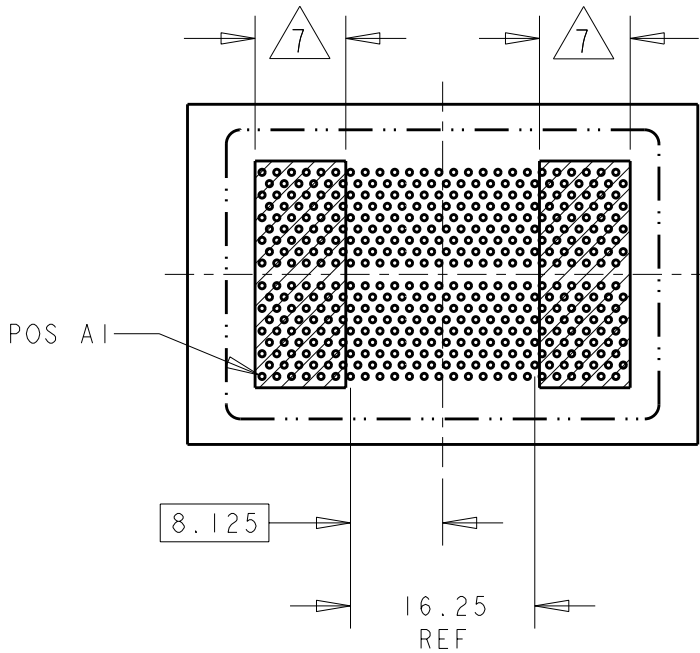


C



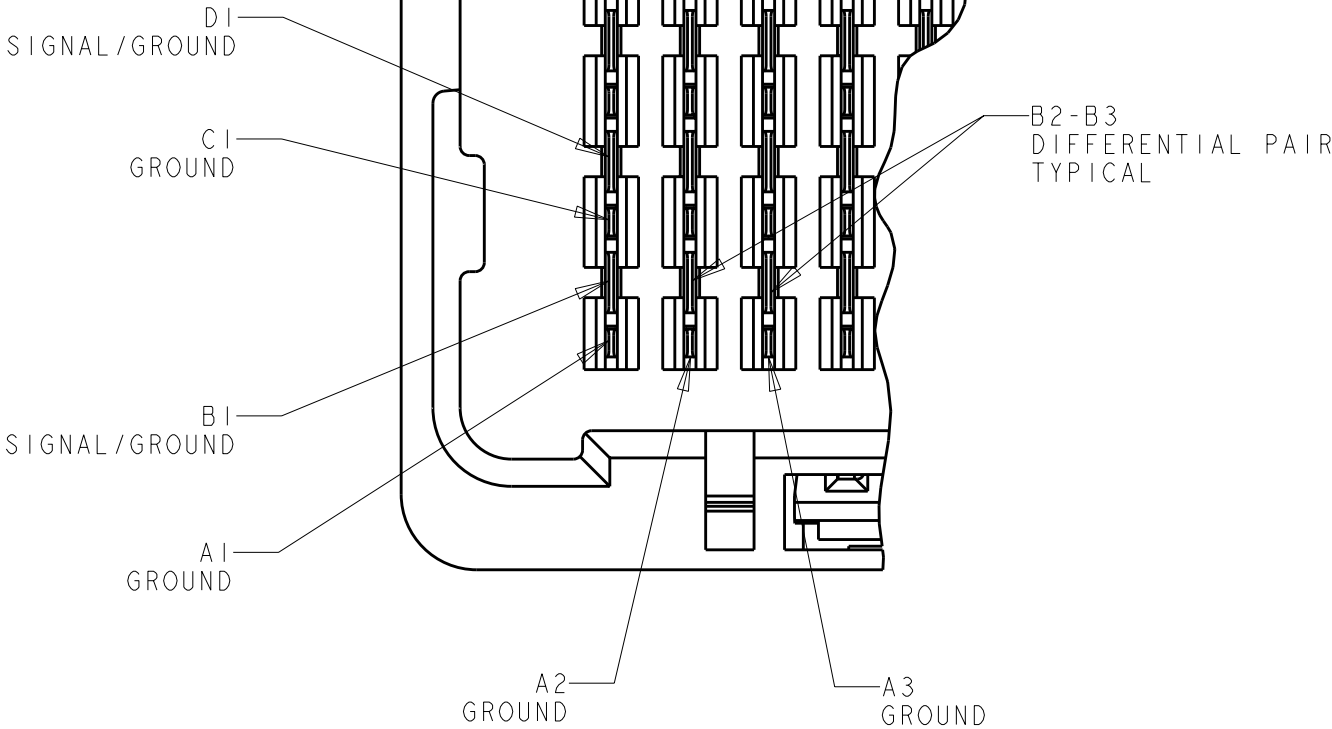
SECTION B-B

B



A

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



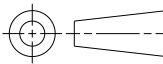
PLUG INTERFACE
SCALE 8:1

D

C

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 17DEC04		 TE Connectivity									
		CHK D WERTZ 05JAN05											
		APVD D WERTZ 05JAN05											
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME STEP-Z, PLUG ASSEMBLY, 200 SIGNAL POSITION -									
		0 PLC ±-											
		1 PLC ±0.3											
		2 PLC ±0.10											
		3 PLC ±0.050											
		4 PLC ±-		SIZE CAGE CODE DRAWING NO RESTRICTED TO									
		ANGLES ±2°											
MATERIAL -		FINISH -		A300779		C-1761614		-					
				WEIGHT -									
				CUSTOMER DRAWING				SCALE -		SHEET 4 OF 5		REV A6	

4

3

2

1

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RELEASED FOR PUBLICATION

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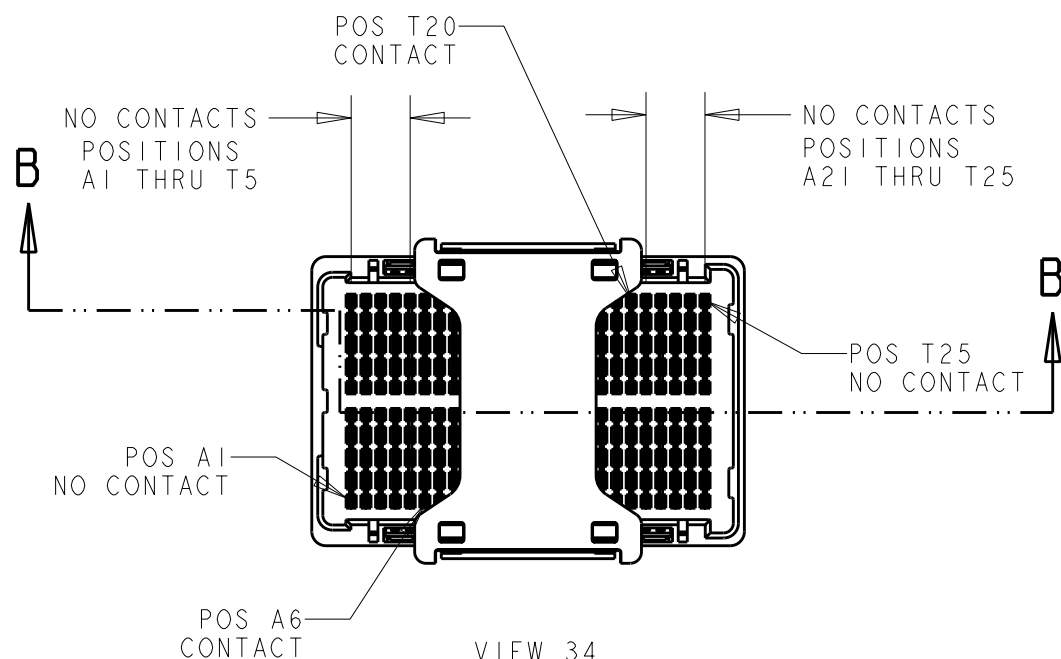
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LOC
GP

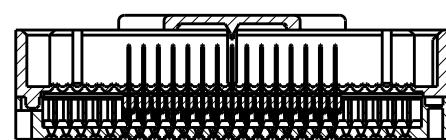
DIST
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REVISIONS

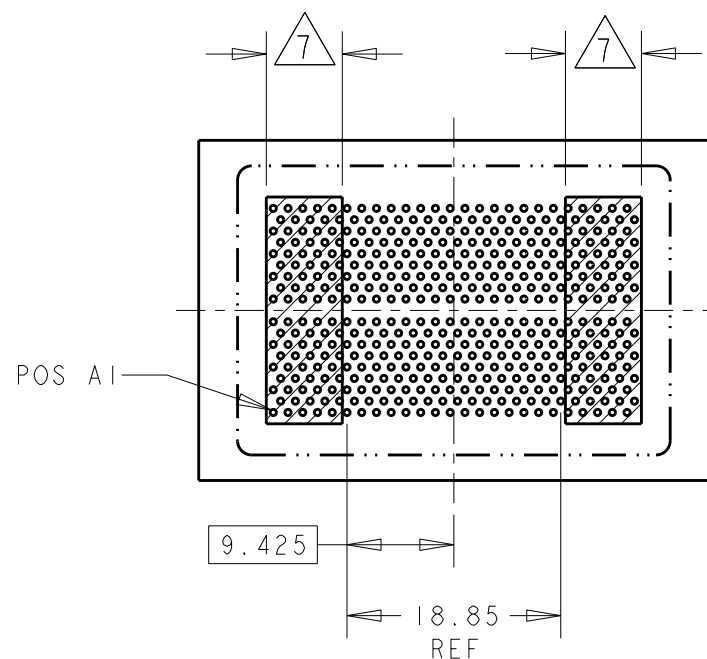
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



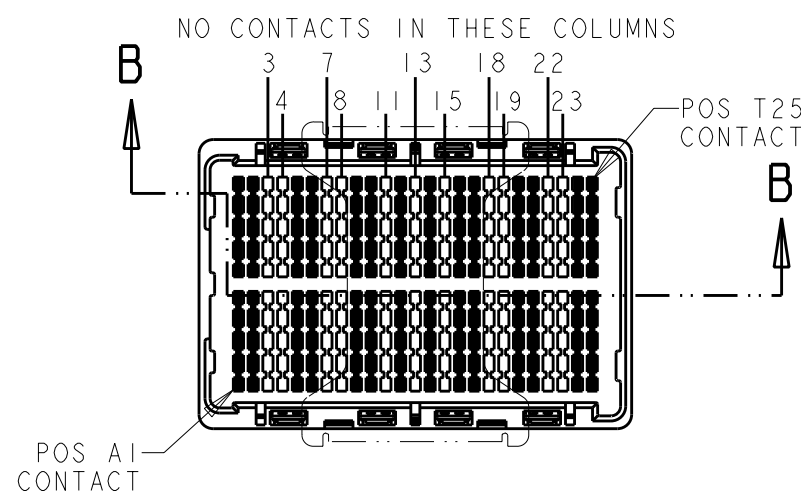
VIEW 34
SELECT LOAD 120 POSITION
SCALE 3:2



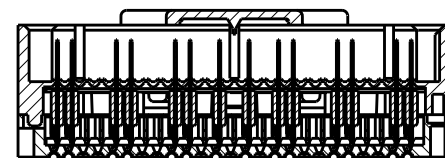
SECTION B-B



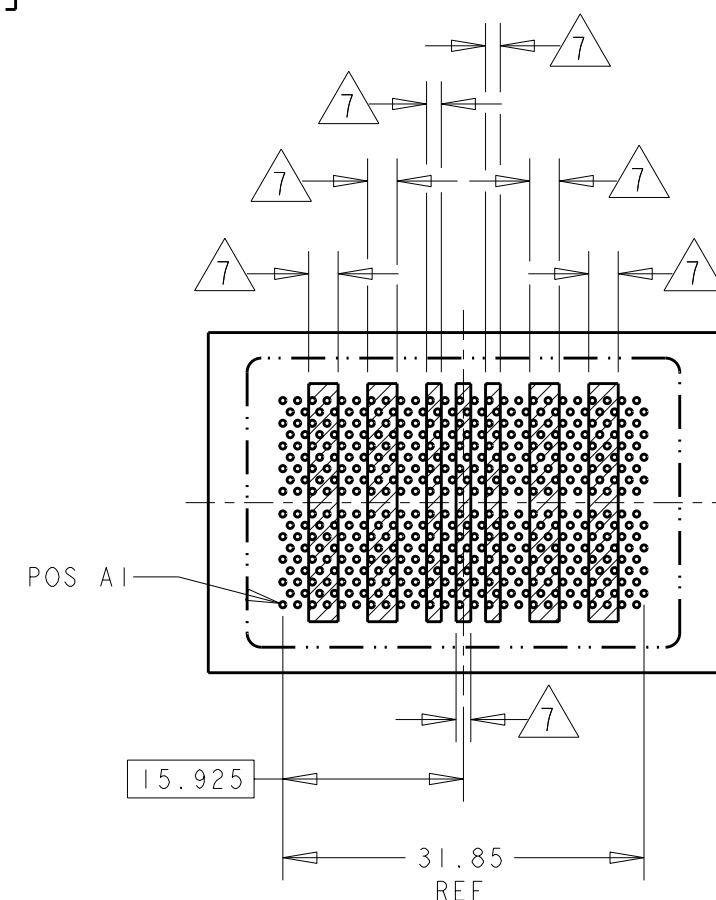
VIEW 34
SELECT LOAD 120 POSITION
BOARD PATTERN
SCALE 3:2



VIEW 35
SELECT LOAD 112 POSITION
SCALE 3:2



SECTION B-B



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

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 CHK D WERTZ APVD D WERTZ PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT -	17DEC04 05JAN05 05JAN05
CUSTOMER DRAWING	

STE TE Connectivity

NAME STEP-Z, PLUG ASSEMBLY, 200 SIGNAL POSITION				RESTRICTED TO
SIZE A3	CAGE CODE 00779	DRAWING NO C-1761614		-
SCALE -	SHEET 5	OF 5	REV A6	

Mouser Electronics

Authorized Distributor

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[7-1761614-5](#)