

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.

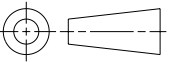
7 SOLDER PADS UNUSED, MAY BE OMITTED.

8 REFERENCE BOARD PATTERN FOR DIMENSIONS
AND DETAILS NOT SHOWN.

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
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 21DEC04
CHK D WERTZ 05JAN05
APVD D WERTZ 05JAN05

PRODUCT SPEC 108-2143
APPLICATION SPEC 114-13101
WEIGHT -

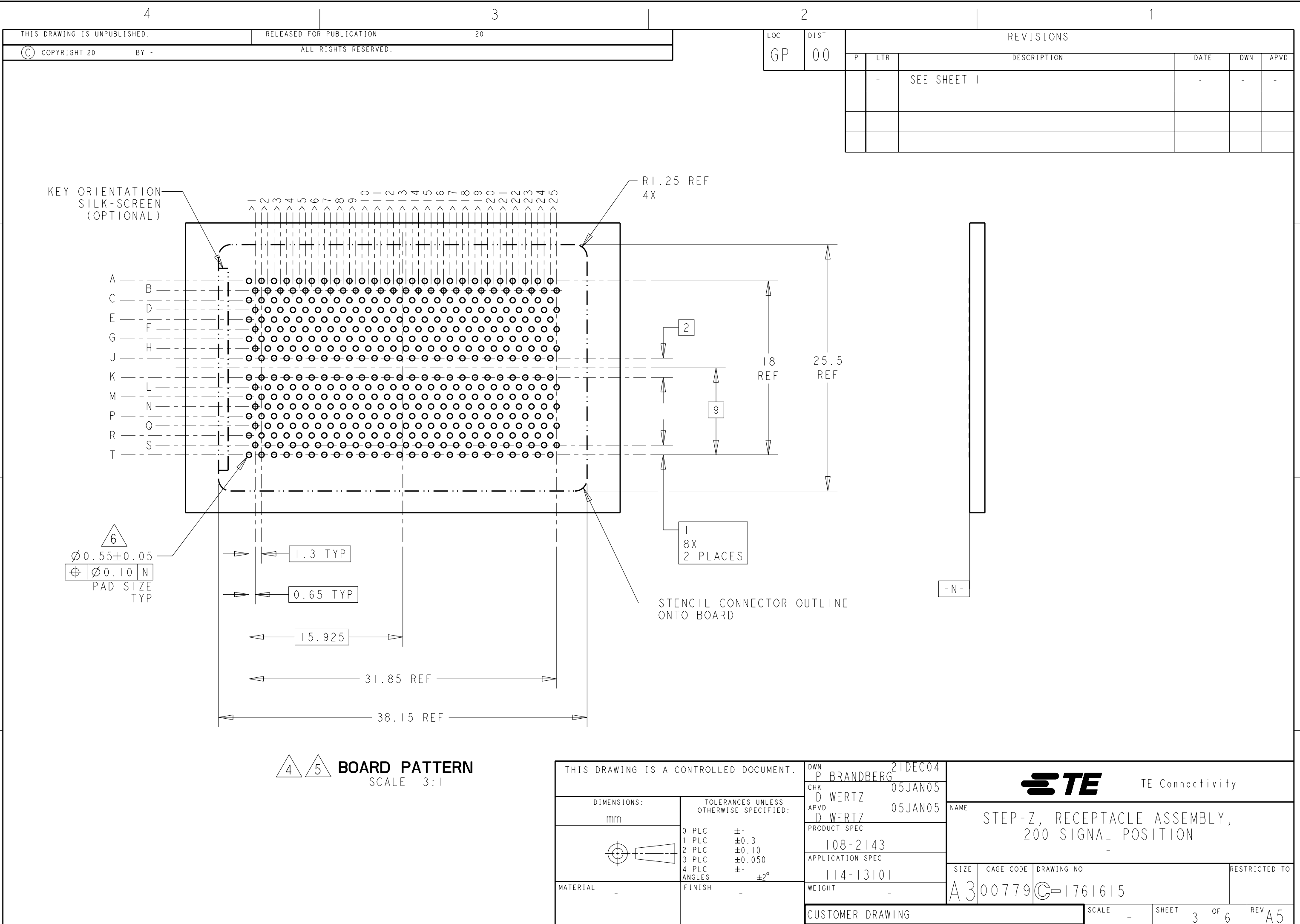
CUSTOMER DRAWING

TE Connectivity

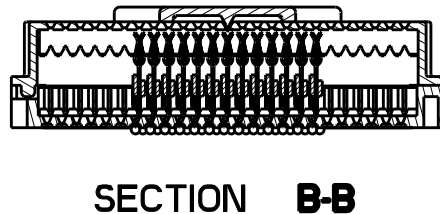
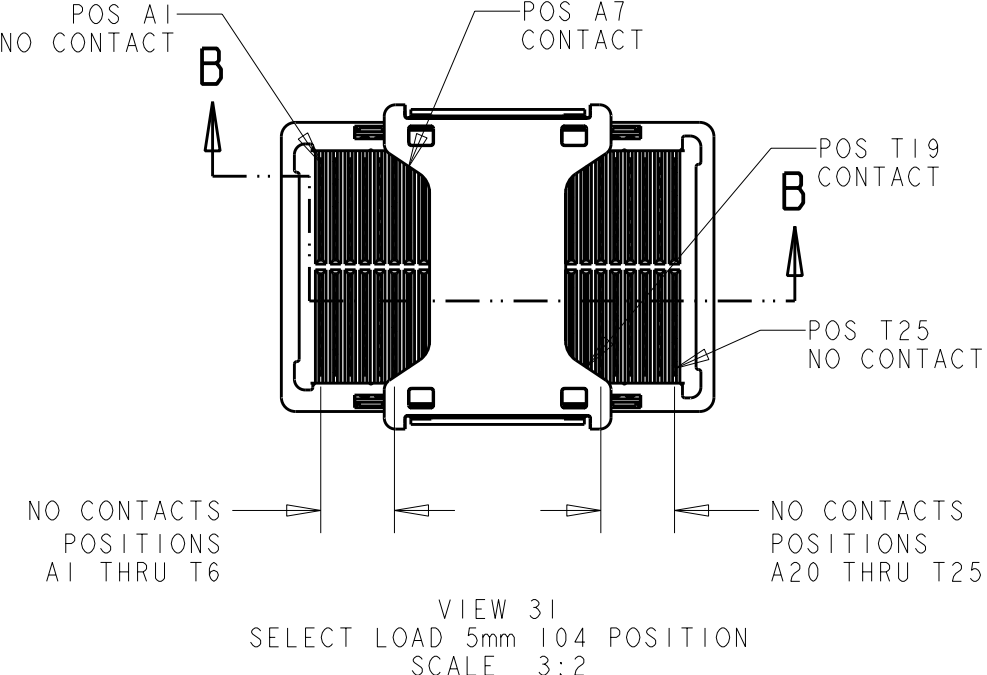
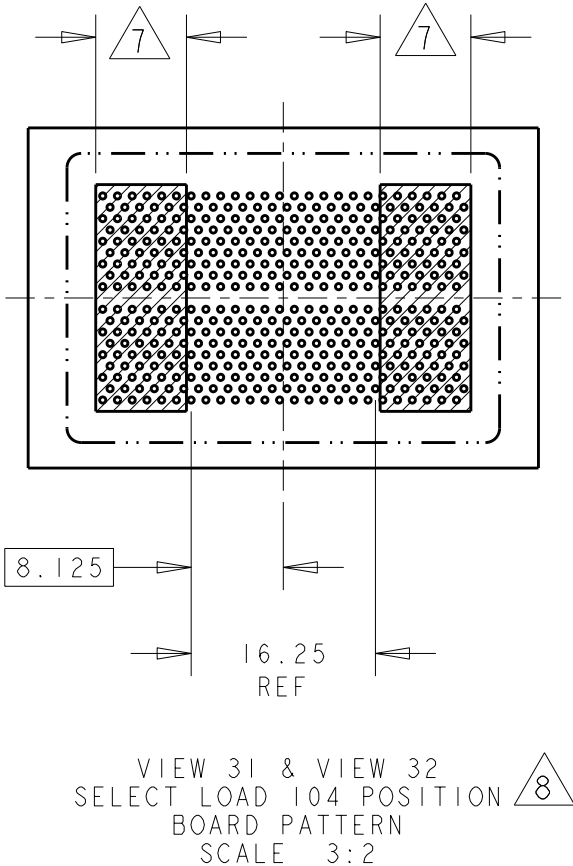
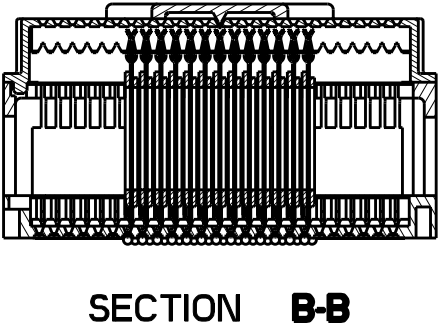
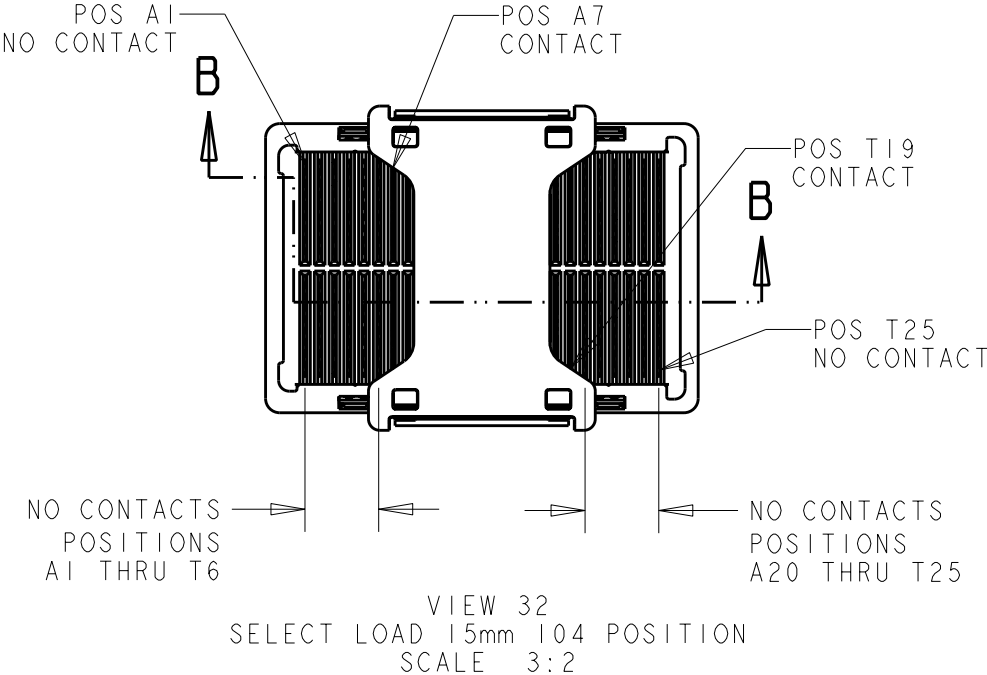
STEP-Z, RECEPTACLE ASSEMBLY,
200 SIGNAL POSITION

SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO -

SCALE - SHEET 2 OF 6 REV A5



2		1					
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±0.050
4 PLC ±-
ANGLES ±2°

FINISH -

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

CUSTOMER DRAWING

TE Connectivity

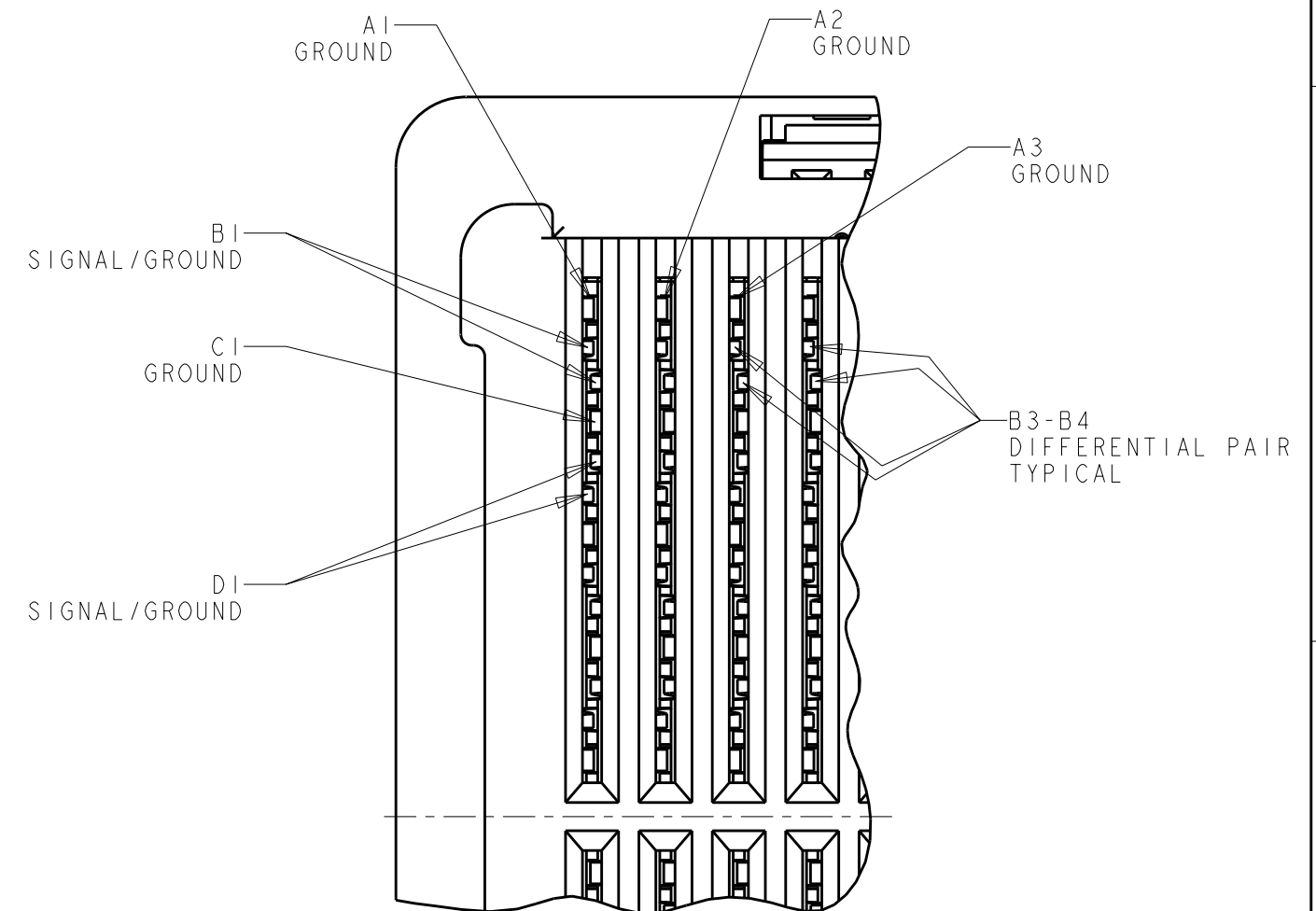
NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION -

SIZE A3 CAGE CODE 00779 DRAWING NO C-1761615 RESTRICTED TO -

SCALE - SHEET 4 OF 6 REV A5



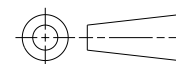
18.85
REF



SCALE 8:1

CUSTOMER DRAWING

mm



0 PLC	$\pm -$
1 PLC	± 0.3
2 PLC	± 0.10
3 PLC	± 0.050
4 PLC	$\pm -$
ANGLES	$\pm 2^\circ$

MATERIAL

ANGLES
FINISH

TE Connectivity

STEP-Z, RECEPTACLE ASSEMBLY,
200 SIGNAL POSITION

9 | C-1761615

100

SCALE

SHEET

0

	REV
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1

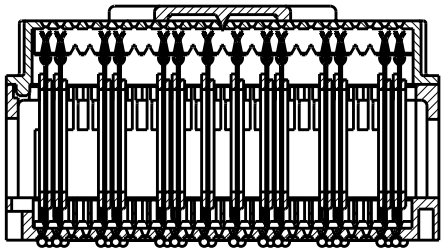
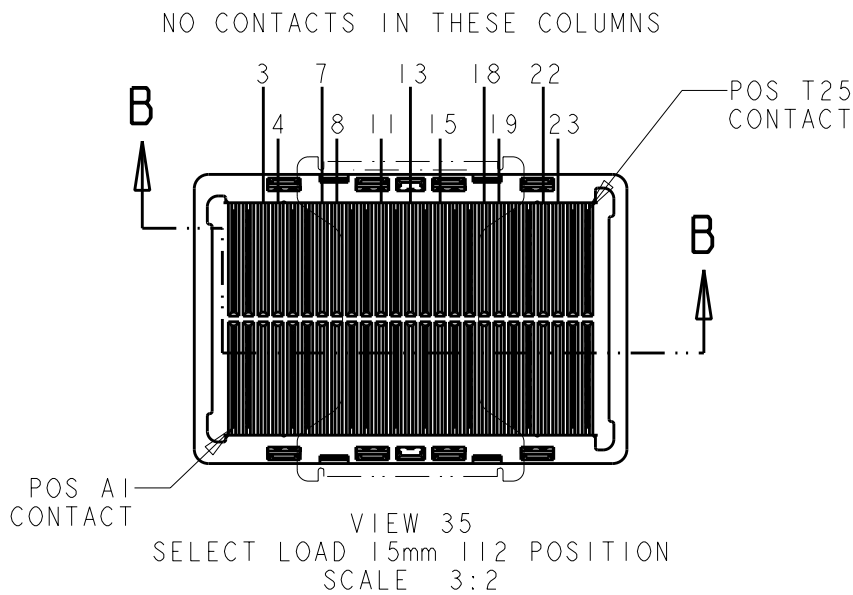
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	APVD
GP	00	-	-	SEE SHEET 1	-	-

D

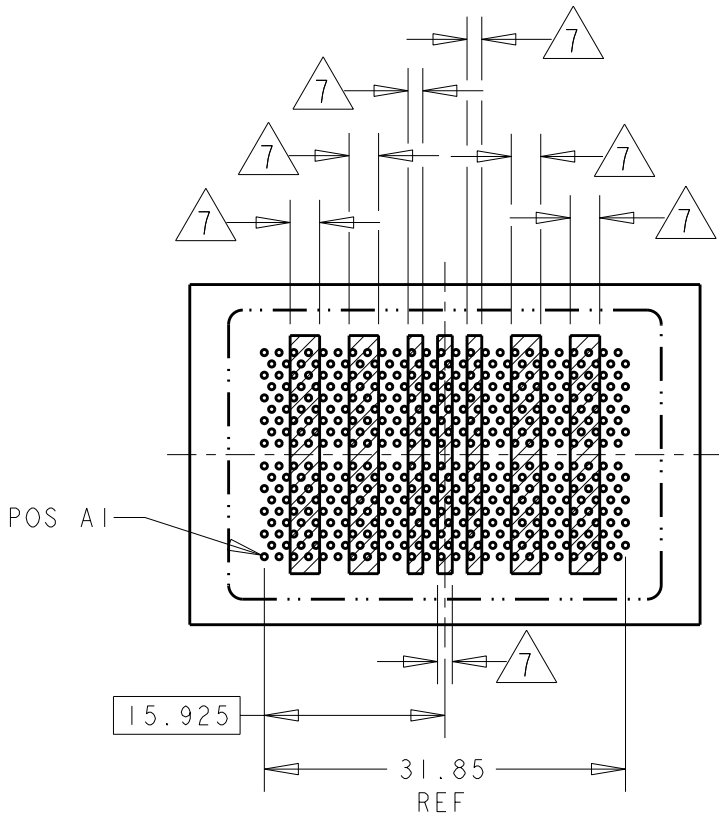
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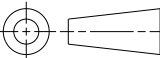
B

A



SECTION B - B



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG CHK D WERTZ APVD D WERTZ	21DEC04 05JAN05 05JAN05	 TE Connectivity	
		PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101 WEIGHT -			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION	
		0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±- ANGLES ±2°		SIZE A3	
		MATERIAL -		CAGE CODE 00779	
FINISH -		CUSTOMER DRAWING		DRAWING NO C-1761615	
				RESTRICTED TO -	
				SCALE -	
				SHEET 6 OF 6	
				REV A5	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1761615-5](#)