

PRO/ENGINEER DRAWING

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

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

SIZE
A3

CAGE CODE
00779

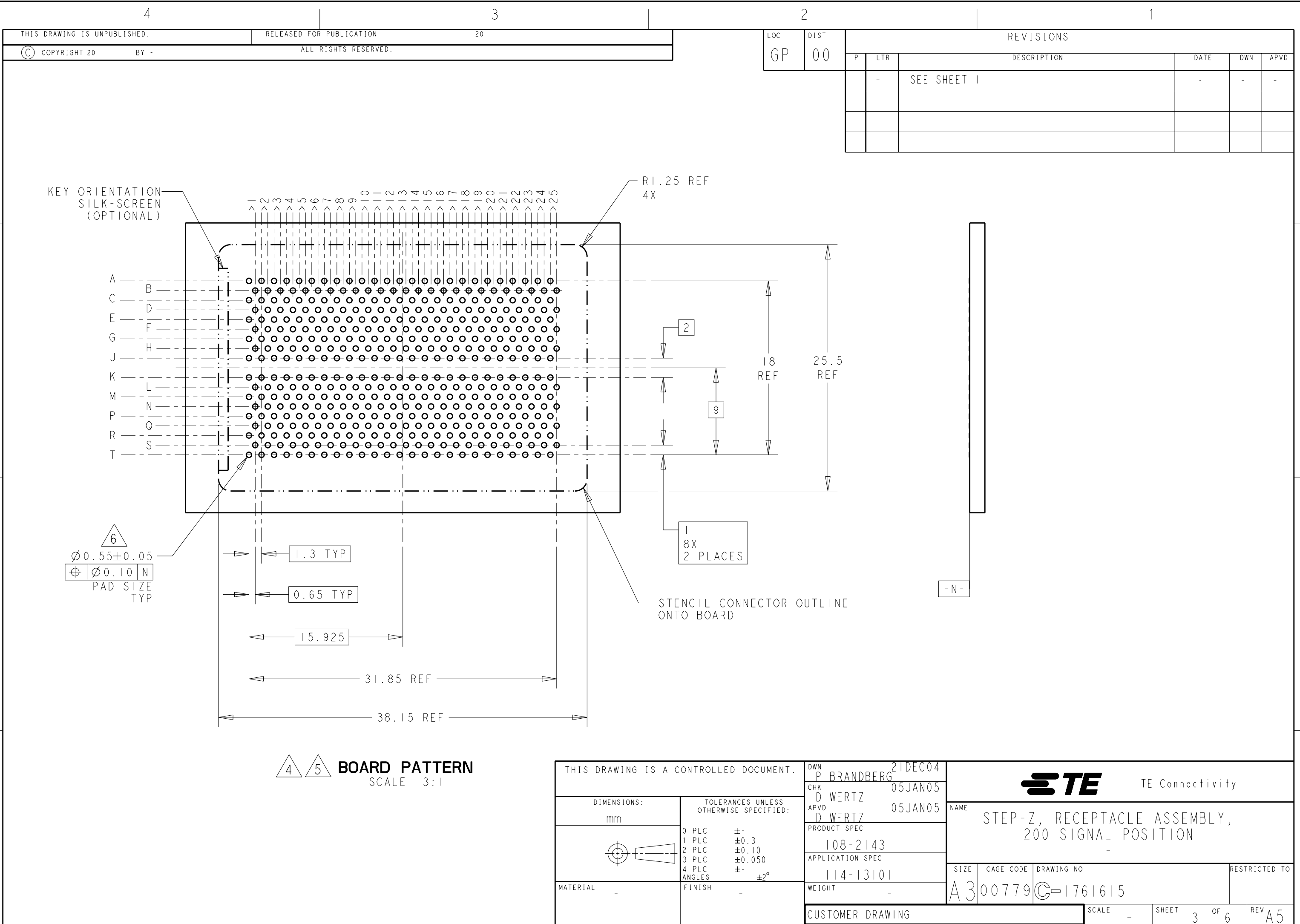
DRAWING NO
C-1761615

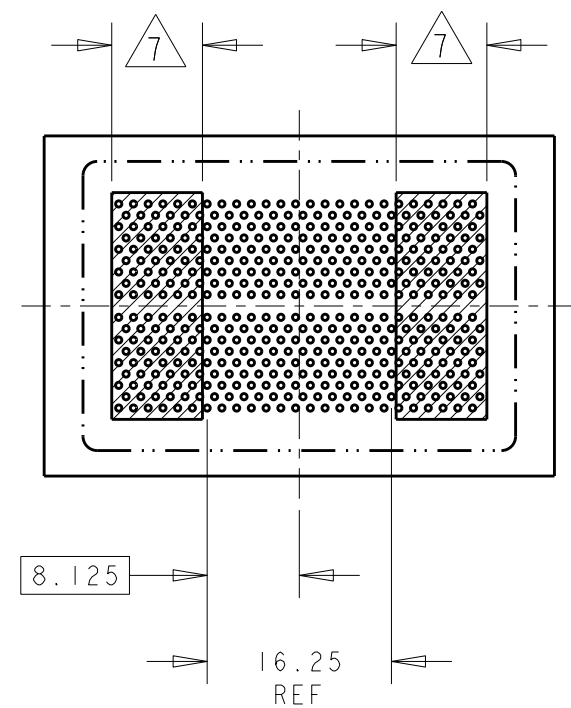
RESTRICTED TO
-

SCALE -

SHEET 2 OF 6

REV A5





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



CUSTOMER DRAWING

CUSTOMER DRAWING

TE Connectivity

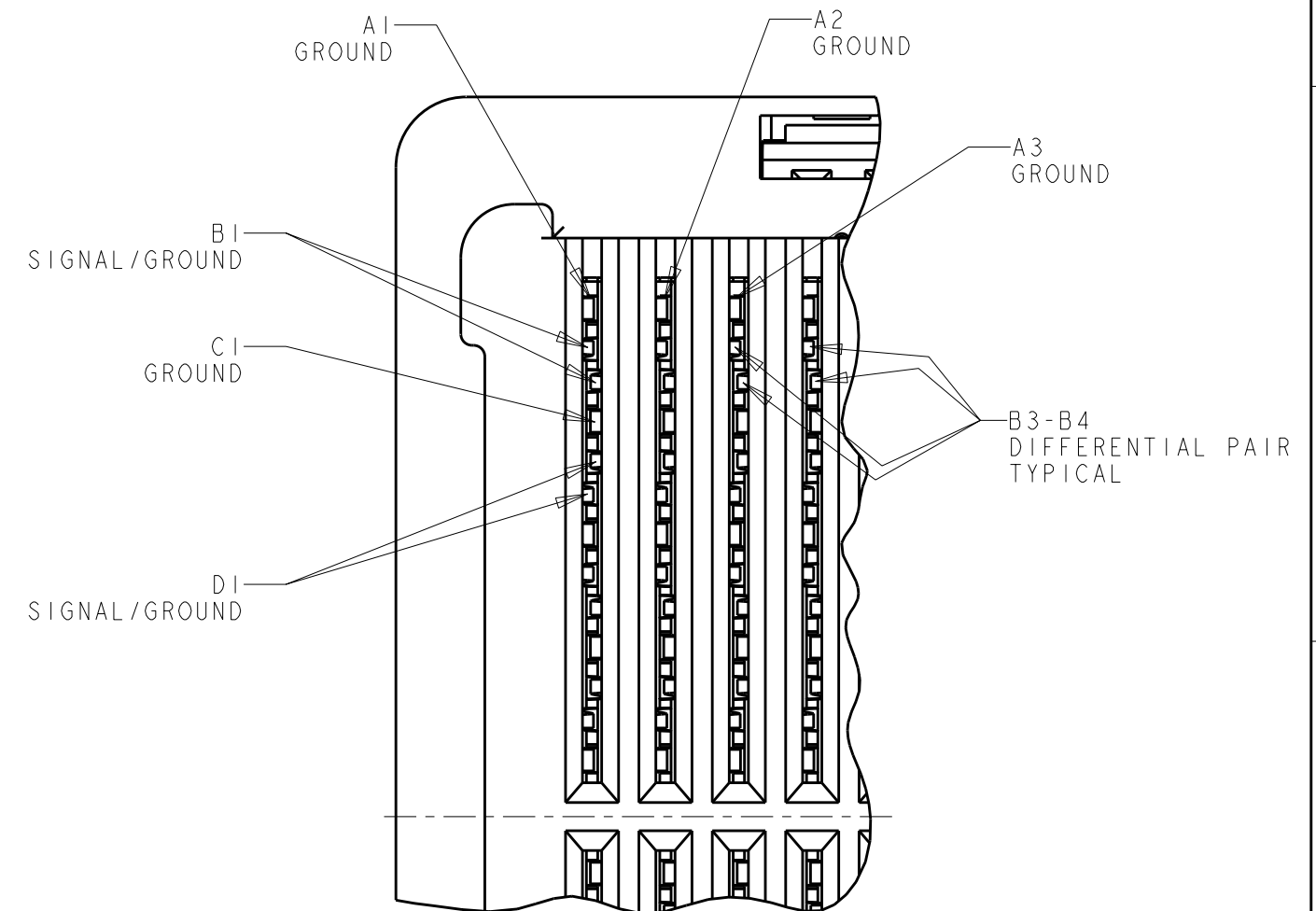
5	NAME	STEP-Z, RECEPTACLE ASSEMBLY, 200 SIGNAL POSITION
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SCALE	SHEET	OF	REV
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SCALE	SHEET 4 OF 6	REV A.5
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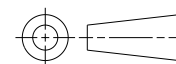
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REF



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	QTY	UNIT	PRICE	TOTAL
1000	1000	1000	1000	1000

FINISH

TE Connectivity

STEP-Z, RECEPTACLE ASSEMBLY,
200 SIGNAL POSITION

00779(C-1761615

RESTRICTED TO

SCALE

SHEET

OF

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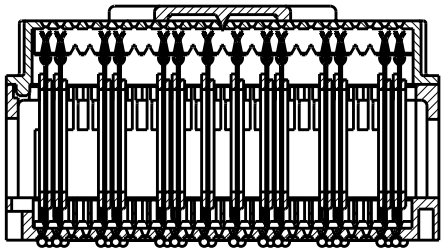
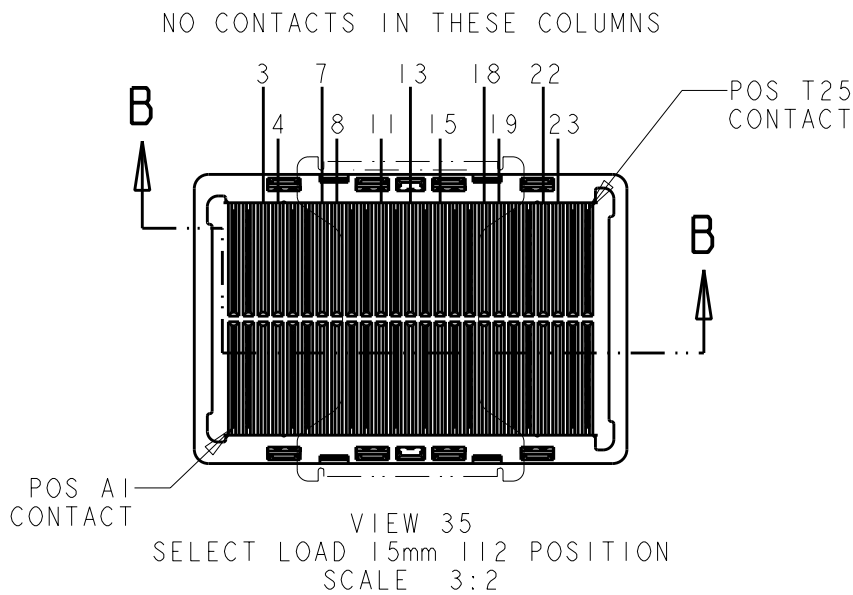
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	APVD
GP	00	-	-	SEE SHEET 1	-	-

D

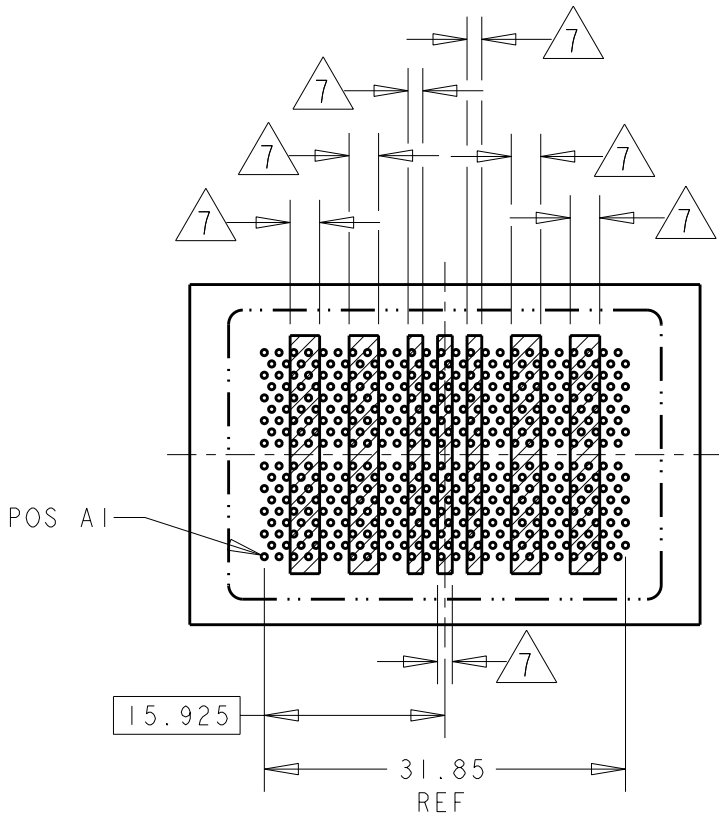
C

B

A



SECTION B-B



VIEW 35
SELECT LOAD 15mm 112 POSITION
BOARD PATTERN
SCALE 3:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG CHK D WERTZ APVD D WERTZ	21DEC04 05JAN05 05JAN05	TE Connectivity	
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 -		PRODUCT SPEC 108-2143 APPLICATION SPEC 114-13101		DRAWING NO C-1761615	
CUSTOMER DRAWING		WEIGHT -		RESTRICTED TO -	
		SCALE -		SHEET 6 OF 6	
				REV A5	