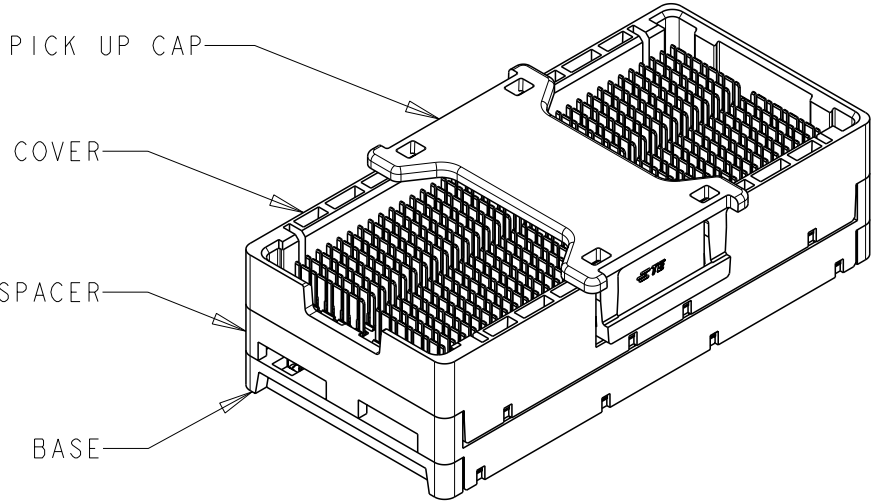
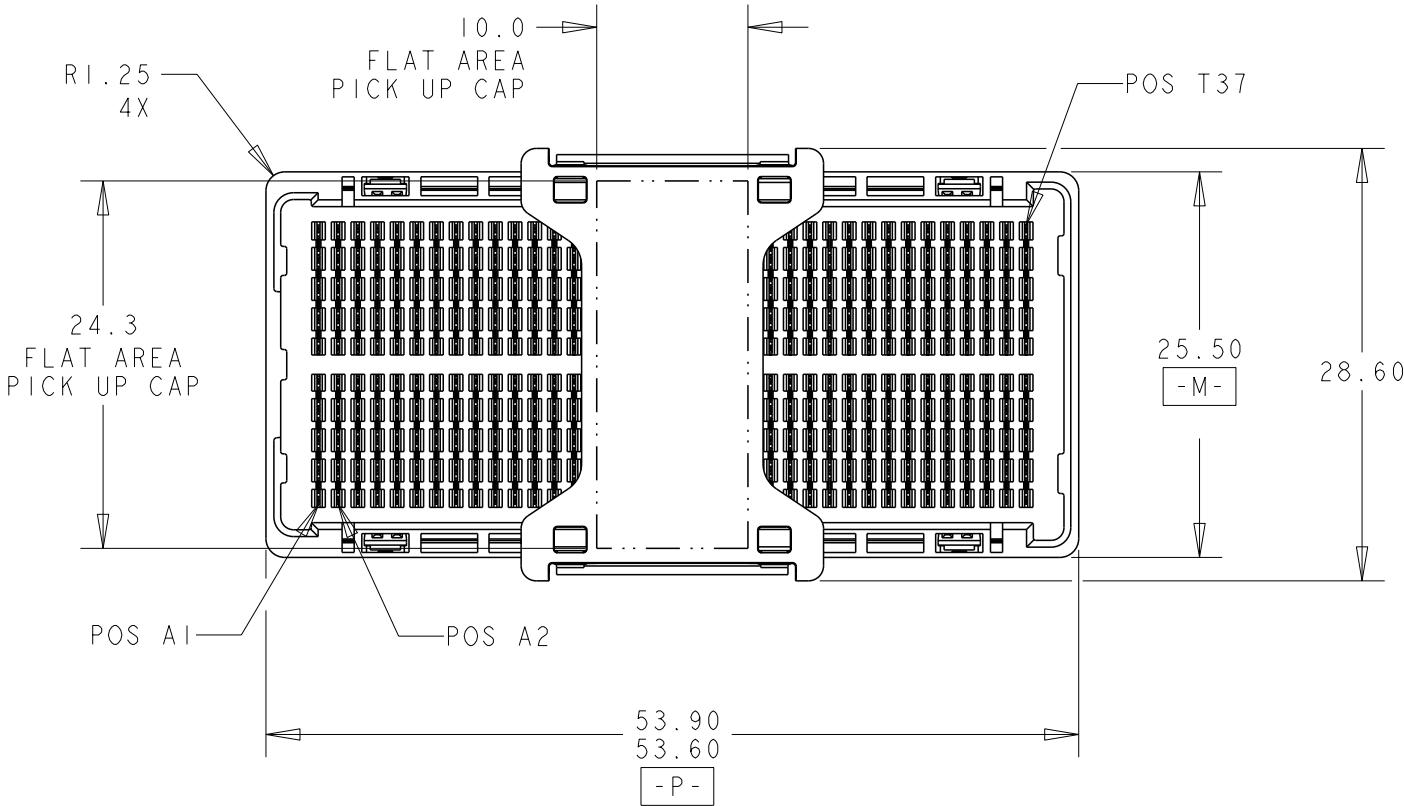
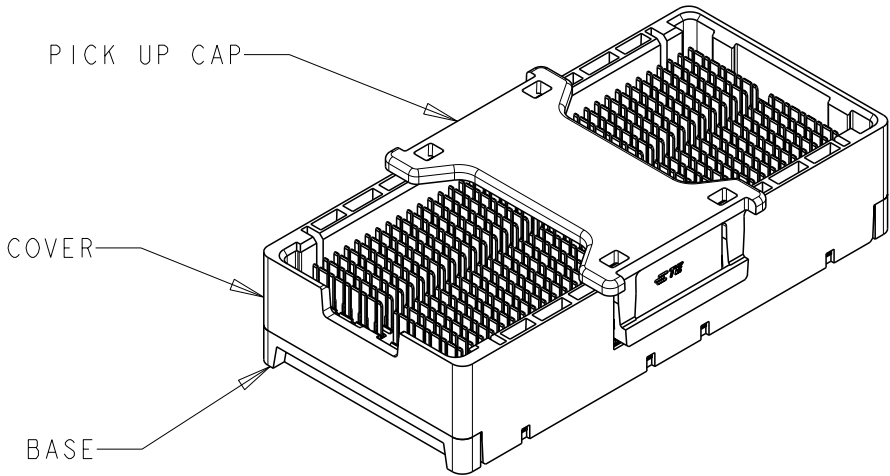
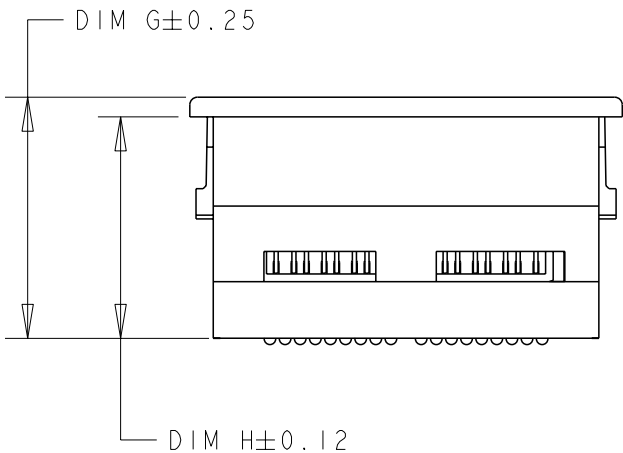
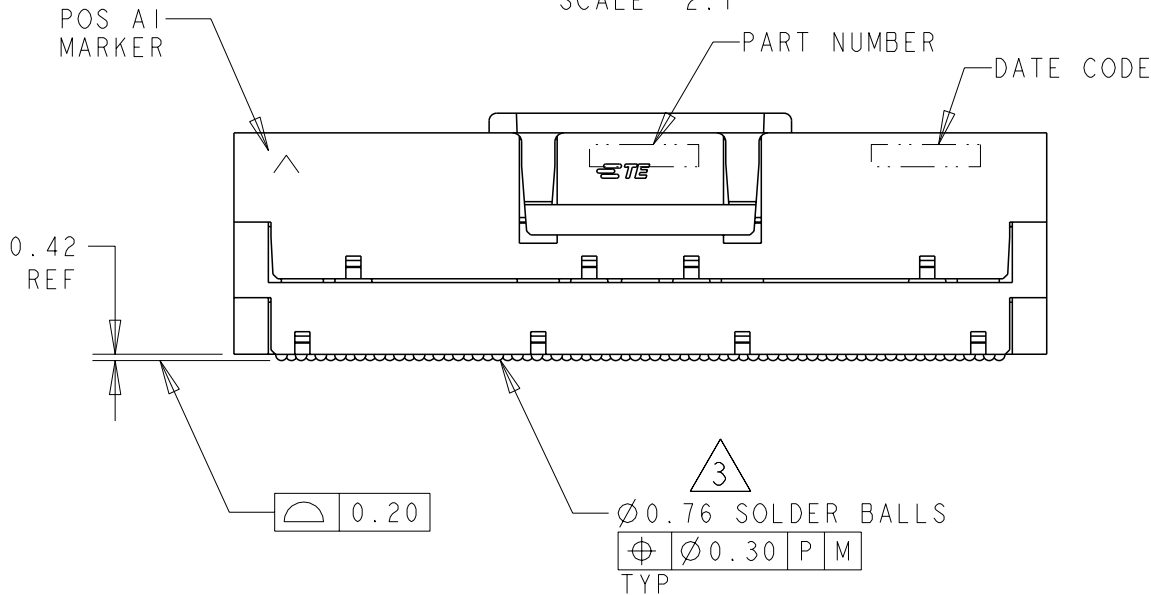


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A6	REVISED PER ECO-20-017117	25APR2021	AP	RW



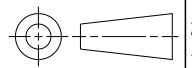
ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
15mm & 20mm ASSEMBLY
SCALE 3:2

TYPICAL ASSEMBLY
15mm SHOWN
SCALE 2:1



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 10JAN05	 TE Connectivity		
		CHK D WERTZ 12JAN05			
		APVD D WERTZ 12JAN05	NAME STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION -		
		PRODUCT SPEC 108-2143			
		APPLICATION SPEC 114-13101	SIZE A3		
		WEIGHT -			
		CUSTOMER DRAWING	SCALE 2:1	SHEET 1 OF 4	REV A6

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 

D

D

C

B

A

A

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	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.

24.65	25.95	-	25mm Sn/Ag	7-1761616-5
19.65	20.95	-	20mm Sn/Ag	7-1761616-0
14.65	15.95	-	15mm Sn/Ag	6-1761616-5
12.65	13.95	-	13mm Sn/Ag	6-1761616-3
11.65	12.95	-	12mm Sn/Ag	6-1761616-2
9.65	10.95	-	10mm Sn/Ag	6-1761616-0

OBSOLETE	24.65	25.95	-	25mm Sn/Pb	2-1761616-5
	19.65	20.95	-	20mm Sn/Pb	2-1761616-0
	14.65	15.95	-	15mm Sn/Pb	1-1761616-5
	12.65	13.95	-	13mm Sn/Pb	1-1761616-3
	11.65	12.95	-	12mm Sn/Pb	1-1761616-2
	9.65	10.95	-	10mm Sn/Pb	1-1761616-0

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
10JAN05

CHK
D WERTZ
12JAN05

APVD
D WERTZ
12JAN05

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

NAME
STEP-Z PLUG ASSEMBLY,
296 SIGNAL POSITION
-

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1761616

RESTRICTED TO

CUSTOMER DRAWING

SCALE
1:1

SHEET
2 OF 4

REV
A6

TE Connectivity

1470-19 (3/13)

D

printed on 25 Apr 2021 20:39 from FROT9828

A

© 2021 TE Connectivity. All Rights Reserved.

REVISIONS

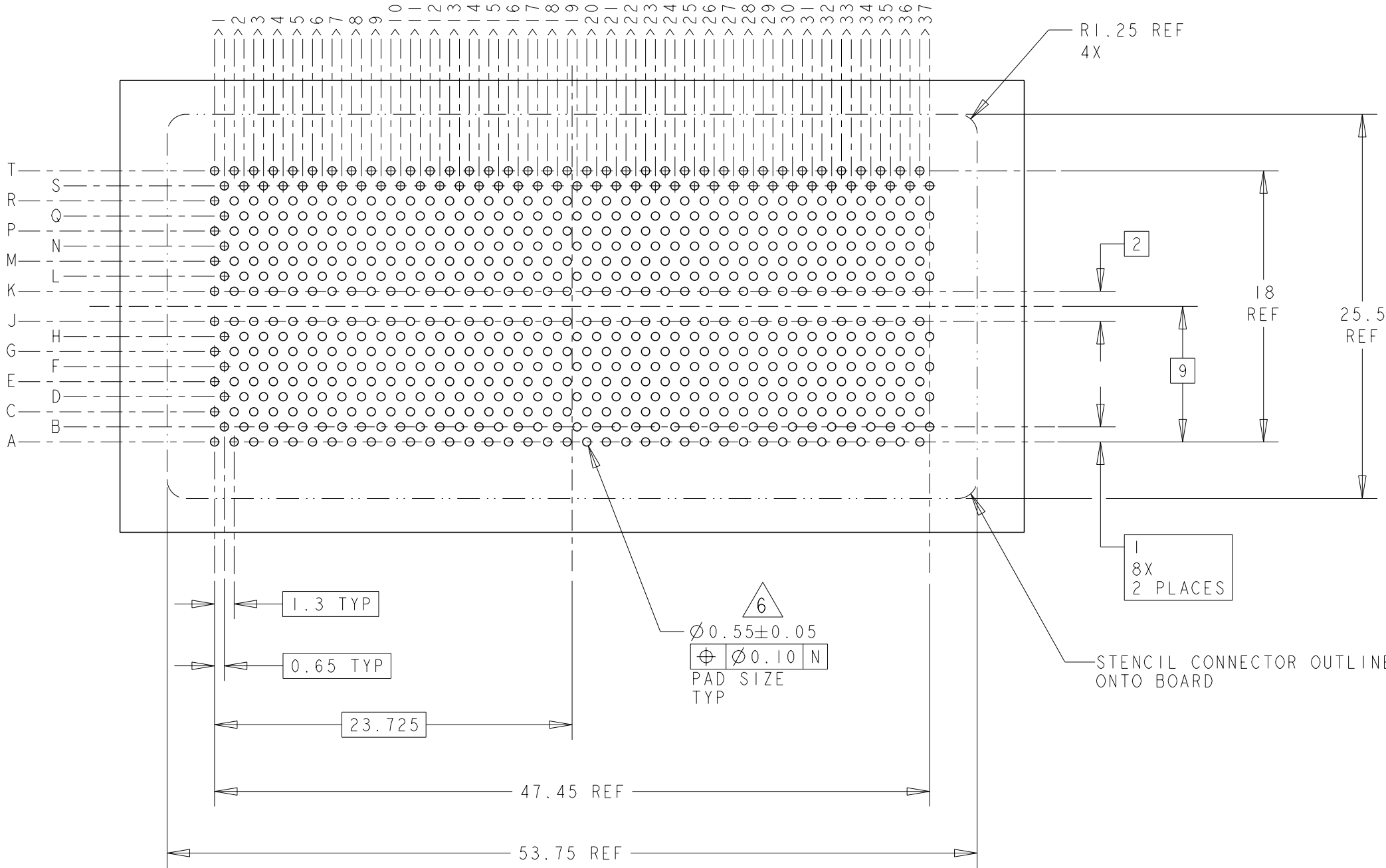
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

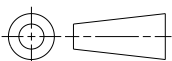
C

B

A

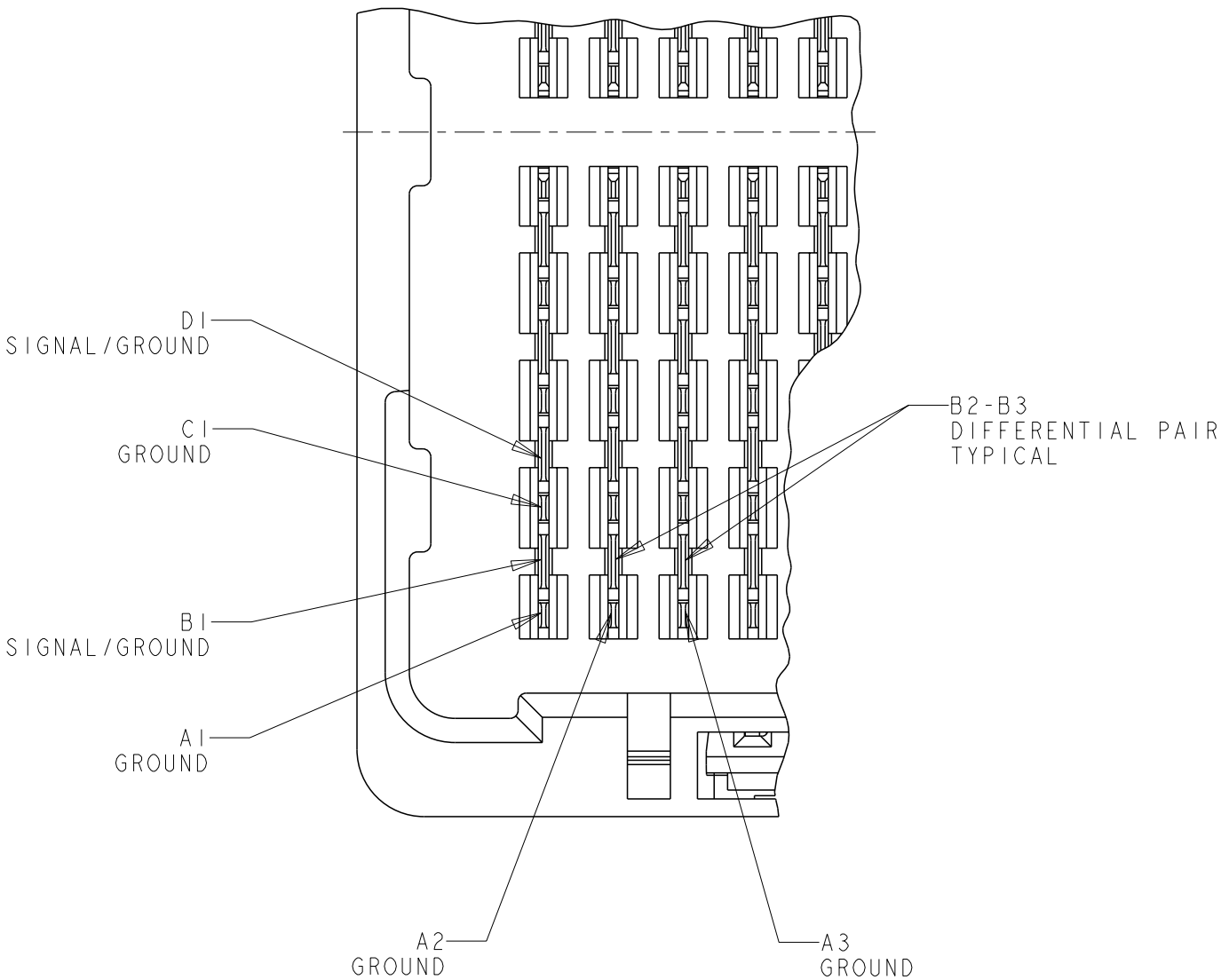


4 5 BOARD PATTERN
SCALE 3:1

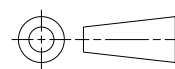
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 10JAN05	 TE Connectivity			
DIMENSIONS: mm		CHK D WERTZ 12JAN05				
		APVD D WERTZ 12JAN05	NAME STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION			
		PRODUCT SPEC -				
		APPLICATION SPEC -				
		WEIGHT -				
		MATERIAL -				
FINISH -		SIZE A3		CAGE CODE 00779	DRAWING NO C-1761616	RESTRICTED TO
		CUSTOMER DRAWING		SCALE 1:1	SHEET 3 OF 4	REV A6

REVISIONS

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



PLUG INTERFACE
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 10JAN05		 TE Connectivity			
DIMENSIONS: mm		CHK D WERTZ 12JAN05					
		APVD D WERTZ 12JAN05		NAME STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION -			
		PRODUCT SPEC -					
		APPLICATION SPEC -					
		WEIGHT -					
MATERIAL -		FINISH -		SIZE A3	CAGE CODE 00779	DRAWING NO C-1761616	RESTRICTED TO
CUSTOMER DRAWING				SCALE 1:1	SHEET 4 OF 4	REV A6	