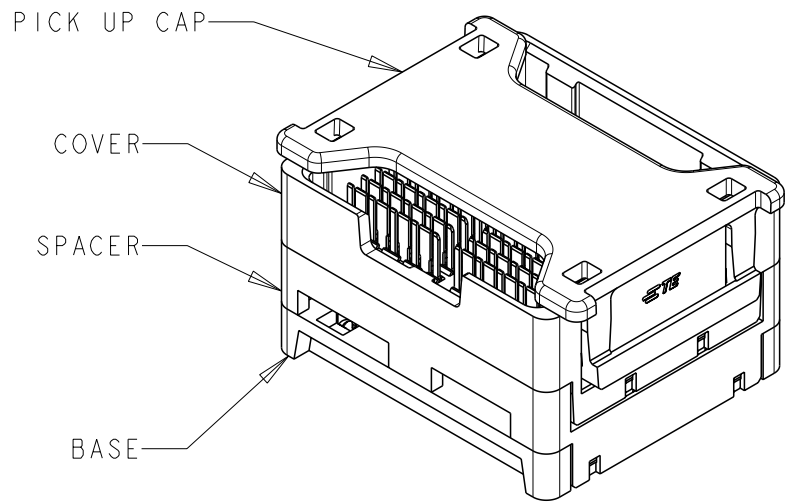
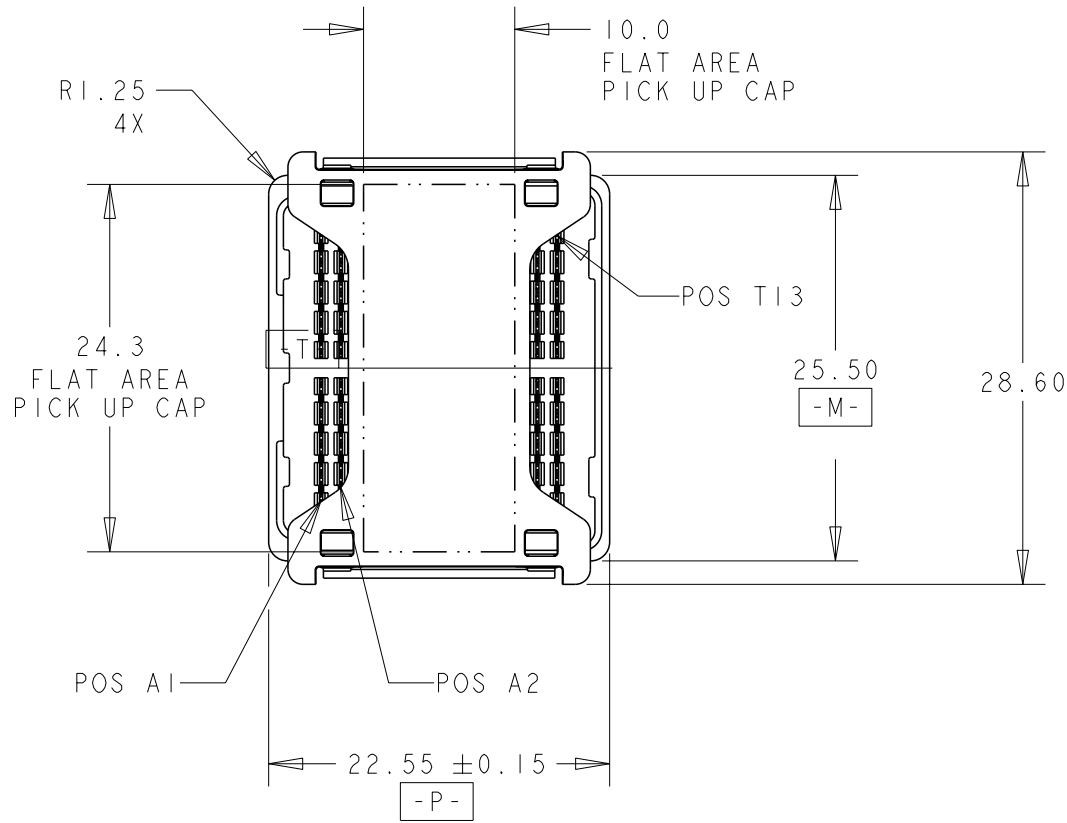


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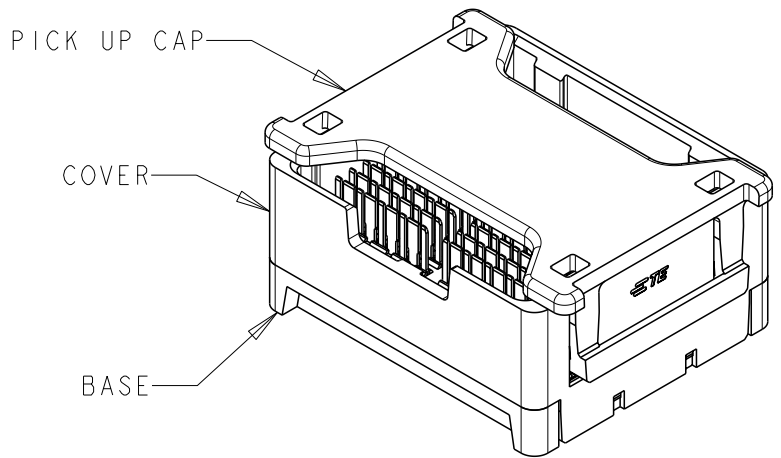
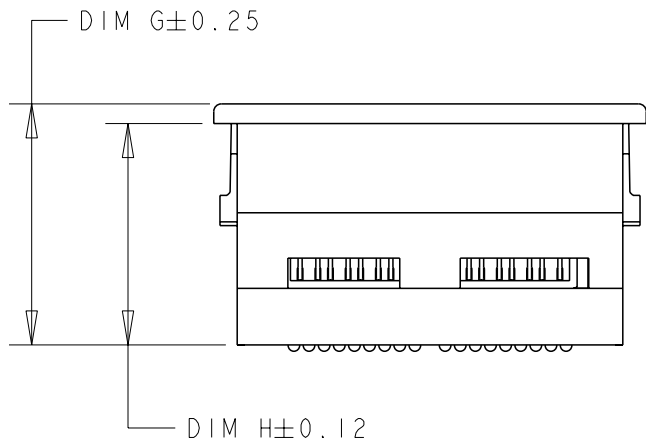
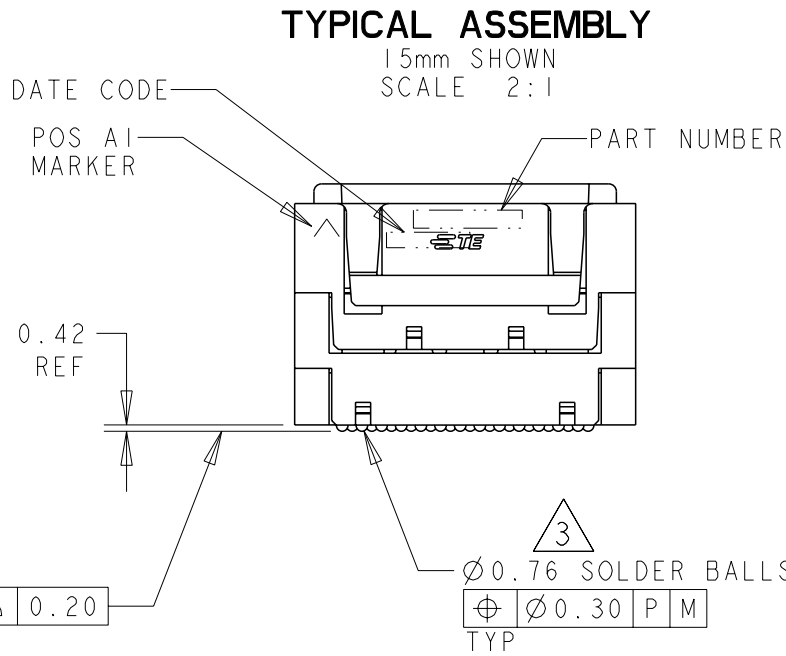
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A3	REVISED PER ECO-20-017117	24APR2021	AP	RW



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
15mm & 20mm ASSEMBLY
SCALE 2:1



ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR
10mm, 12mm & 13mm ASSEMBLY
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 18JAN05	 TE Connectivity		
		CHK D WERTZ 20JAN05			
		APVD D WERTZ 20JAN05	NAME STEP-Z, PLUG ASSEMBLY, 104 SIGNAL POSITION		
DIMENSIONS: mm		PRODUCT SPEC 108-2143			
		APPLICATION SPEC 114-13101			
MATERIAL 1		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1761612
		FINISH 2	RESTRICTED TO		
			SCALE 5:2 SHEET 1 OF 3 REV A3		
			CUSTOMER DRAWING		

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.

19.65	20.95	-	20mm Sn/Ag	7-1761612-0
14.65	15.95	-	15mm Sn/Ag	6-1761612-5
12.65	13.95	-	13mm Sn/Ag	6-1761612-3
11.65	12.95	-	12mm Sn/Ag	6-1761612-2
9.65	10.95	-	10mm Sn/Ag	6-1761612-0
19.65	20.95	-	20mm Sn/Pb	2-1761612-0
14.65	15.95	-	15mm Sn/Pb	1-1761612-5
12.65	13.95	-	13mm Sn/Pb	1-1761612-3
11.65	12.95	-	12mm Sn/Pb	1-1761612-2
9.65	10.95	-	10mm Sn/Pb	1-1761612-0
DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER

OBSOLETE

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
18JAN05

CHK
D WERTZ
20JAN05

APVD
D WERTZ
20JAN05

PRODUCT SPEC
108-2143

APPLICATION SPEC
114-13101

WEIGHT
-

CUSTOMER DRAWING

SCALE
2:1

SHEET
2 OF 3

REV
A3

NAME
STEP-Z, PLUG ASSEMBLY,
104 SIGNAL POSITION
-

SIZE
A3

CAGE CODE
00779

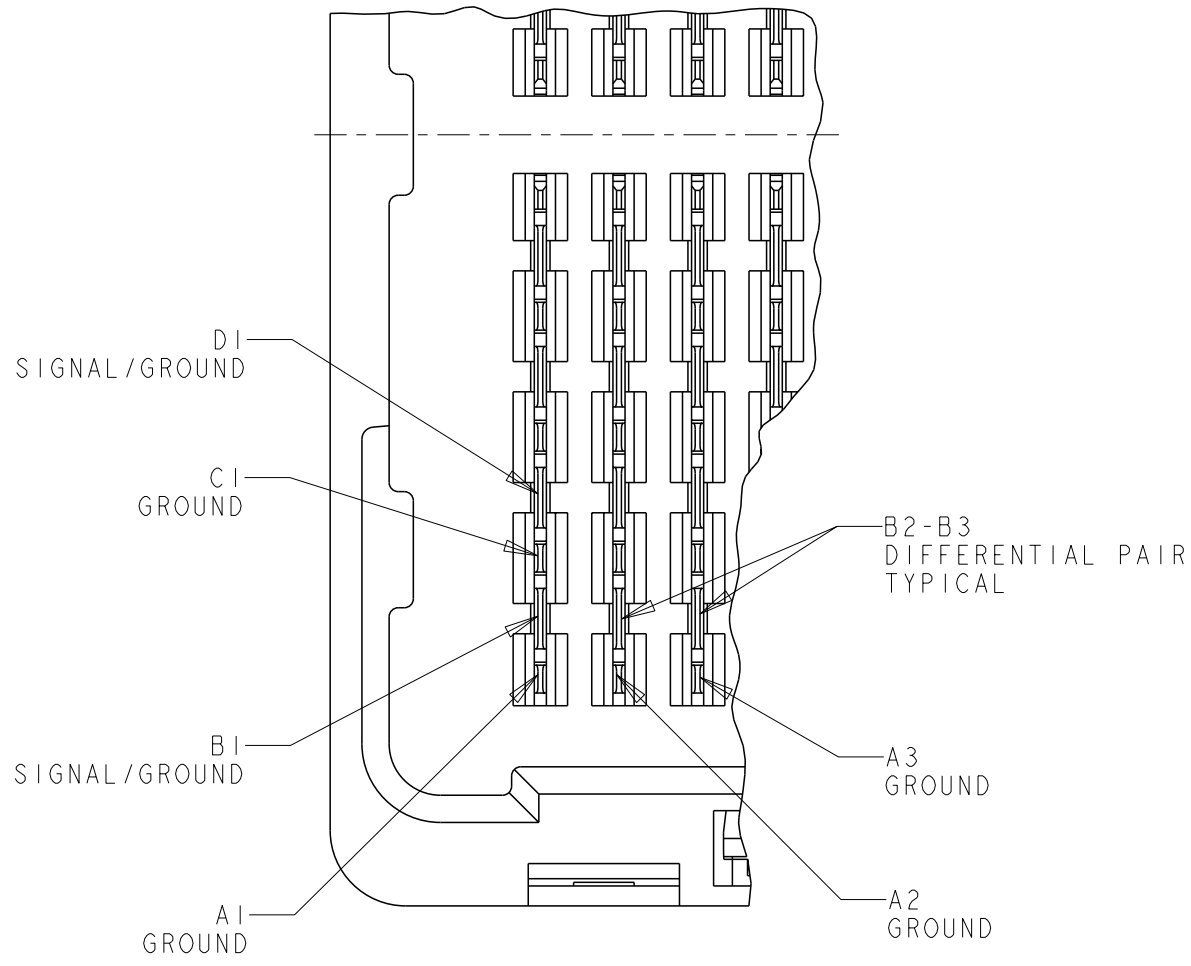
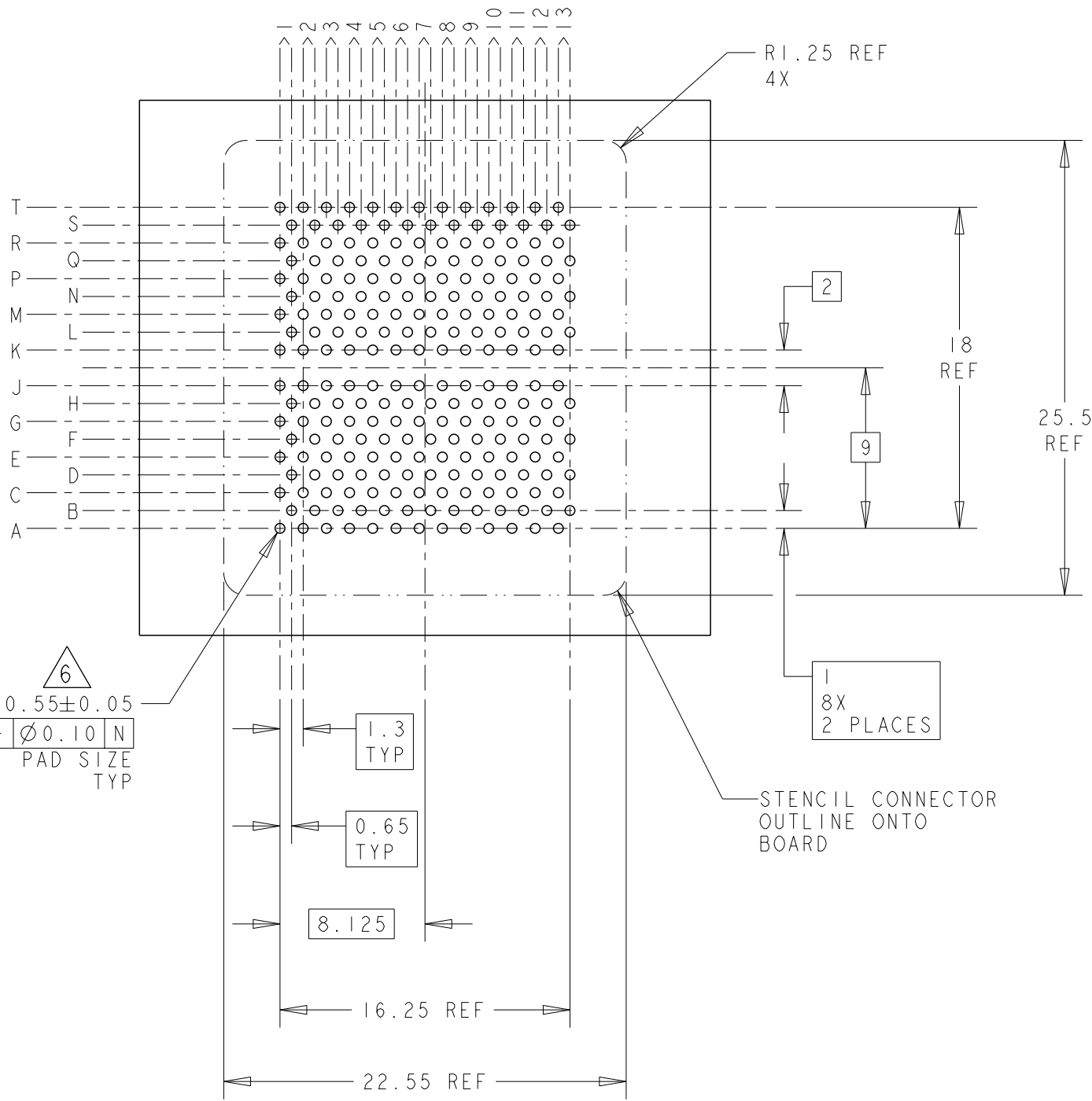
DRAWING NO
1761612

RESTRICTED TO

TE Connectivity

1470-19 (3/13)

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



PLUG INTERFACE
SCALE 8:1

4 5 BOARD PATTERN
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P BRANDBERG 18JAN05	 TE Connectivity		
DIMENSIONS: mm		CHK D WERTZ 20JAN05			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D WERTZ 20JAN05			
0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±- ANGLES ±2°		PRODUCT SPEC 108-2143			
MATERIAL		FINISH	NAME STEP-Z, PLUG ASSEMBLY, 104 SIGNAL POSITION		
			SIZE A3	CAGE CODE 00779	DRAWING NO C-1761612
			RESTRICTED TO		
			SCALE 2:1	SHEET 3 OF 3	REV A3

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