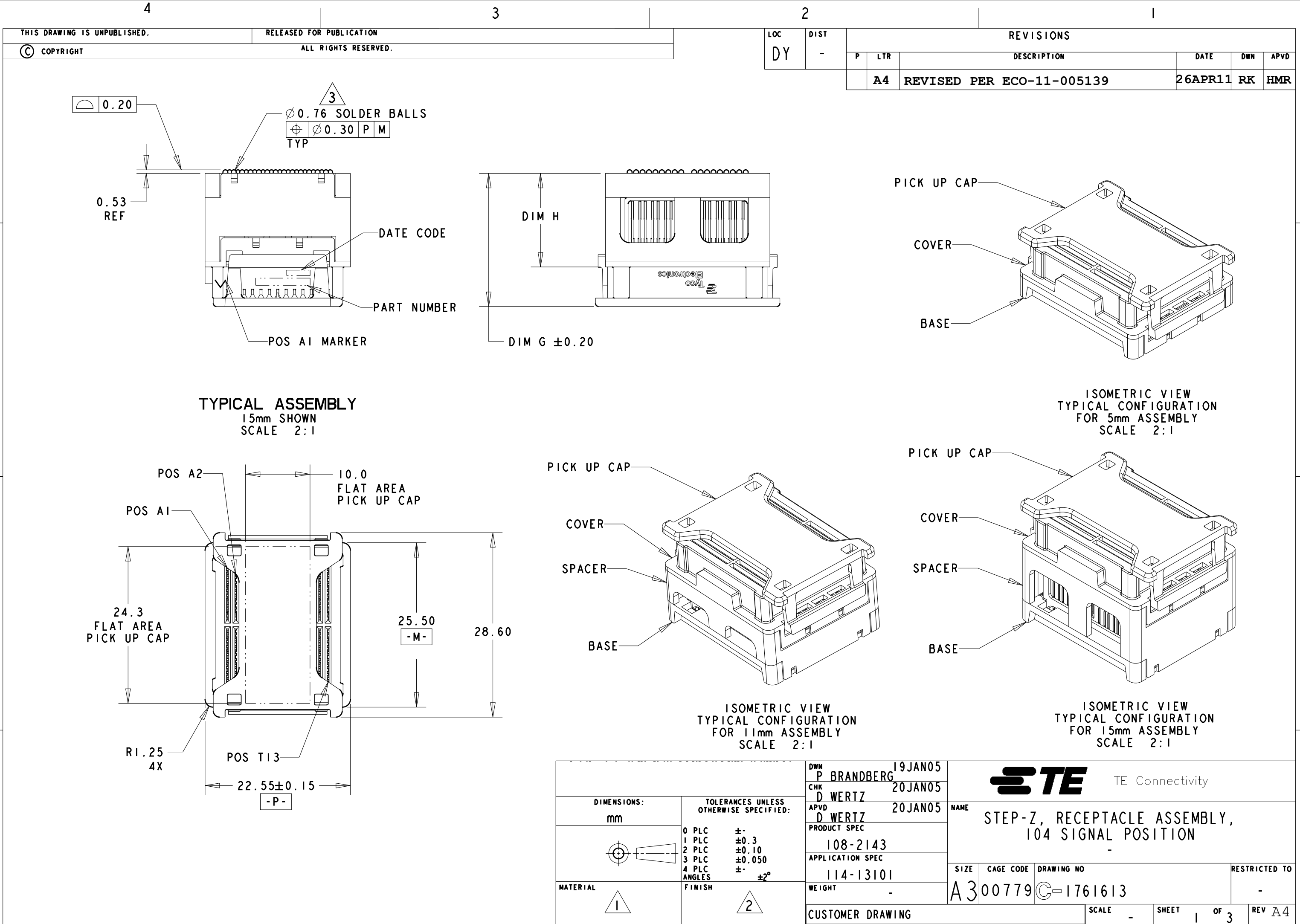




0.20

0.53 REF

3

Ø 0.76 SOLDER BALLS

Ø 0.30 P M

TYP

DATE CODE

PART NUMBER

POS A1 MARKER

DIM H

DIM G ±0.20

PICK UP CAP

COVER

BASE

TYPICAL ASSEMBLY

15mm SHOWN

SCALE 2:1

POS A2

POS A1

10.0 FLAT AREA PICK UP CAP

24.3 FLAT AREA PICK UP CAP

25.50 -M-

28.60

R1.25 4X

POS T13

22.55±0.15 -P-

PICK UP CAP

COVER

SPACER

BASE

ISOMETRIC VIEW

TYPICAL CONFIGURATION

FOR 11mm ASSEMBLY

SCALE 2:1

ISOMETRIC VIEW

TYPICAL CONFIGURATION

FOR 5mm ASSEMBLY

SCALE 2:1

ISOMETRIC VIEW

TYPICAL CONFIGURATION

FOR 15mm ASSEMBLY

SCALE 2:1

DIMENSIONS:

mm

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±°

1 PLC ±0.3

2 PLC ±0.10

3 PLC ±0.050

4 PLC ±°

ANGLES ±2°

FINISH

2

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

19JAN05
20JAN05
20JAN05

TE Connectivity

NAME
STEP-Z, RECEPTACLE ASSEMBLY,
104 SIGNAL POSITION

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1761613

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
-

SHEET
1

OF
3

REV
A4

4

3

2

1

LOC DY	DIST -	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 1761613-1 THRU 5-1761613-0
Sn/Ag FOR P/N 5-1761613-1 THRU 9-1761613-9

2 FINISH:
CONTACT: 0.00076 MIN GOLD OVER 0.00127 MIN NICKEL.
(30µ" MIN GOLD OVER 50µ" MIN NICKEL)

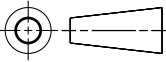
3 SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

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.

14.51	20.65	-	15mm Sn/Ag	6-1761613-5
10.51	16.65	-	11mm Sn/Ag	6-1761613-1
4.51	10.65	-	5mm Sn/Ag	5-1761613-5
14.51	20.65	-	15mm Sn/Pb	1-1761613-5
10.51	16.65	-	11mm Sn/Pb	1-1761613-1
4.51	10.65	-	5mm Sn/Pb	1761613-5
DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER

DIMENSIONS: mm 		DWN P BRANDBERG 19JAN05		TE Connectivity					
		CHK D WERTZ 20JAN05							
		APVD D WERTZ 20JAN05		NAME STEP-Z, RECEPTACLE ASSEMBLY, 104 SIGNAL POSITION					
		PRODUCT SPEC							
MATERIAL -		FINISH -		SIZE A3					
		WEIGHT -		CAGE CODE 00779		DRAWING NO C-1761613		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE -		SHEET 2 OF 3			
								REV A4	

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC
DYDIST
-

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

-

-

-

KEY ORIENTATION
SILK SCREEN
(OPTIONAL)R1.25 REF
4X

- N -

A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S
T

18 REF

25.5 REF

1
8X
2 PLACESSTENCIL CONNECTOR
OUTLINE ONTO
BOARD

6
 $\phi 0.55 \pm 0.05$
 $\phi 0.10$ N
PAD SIZE
TYP

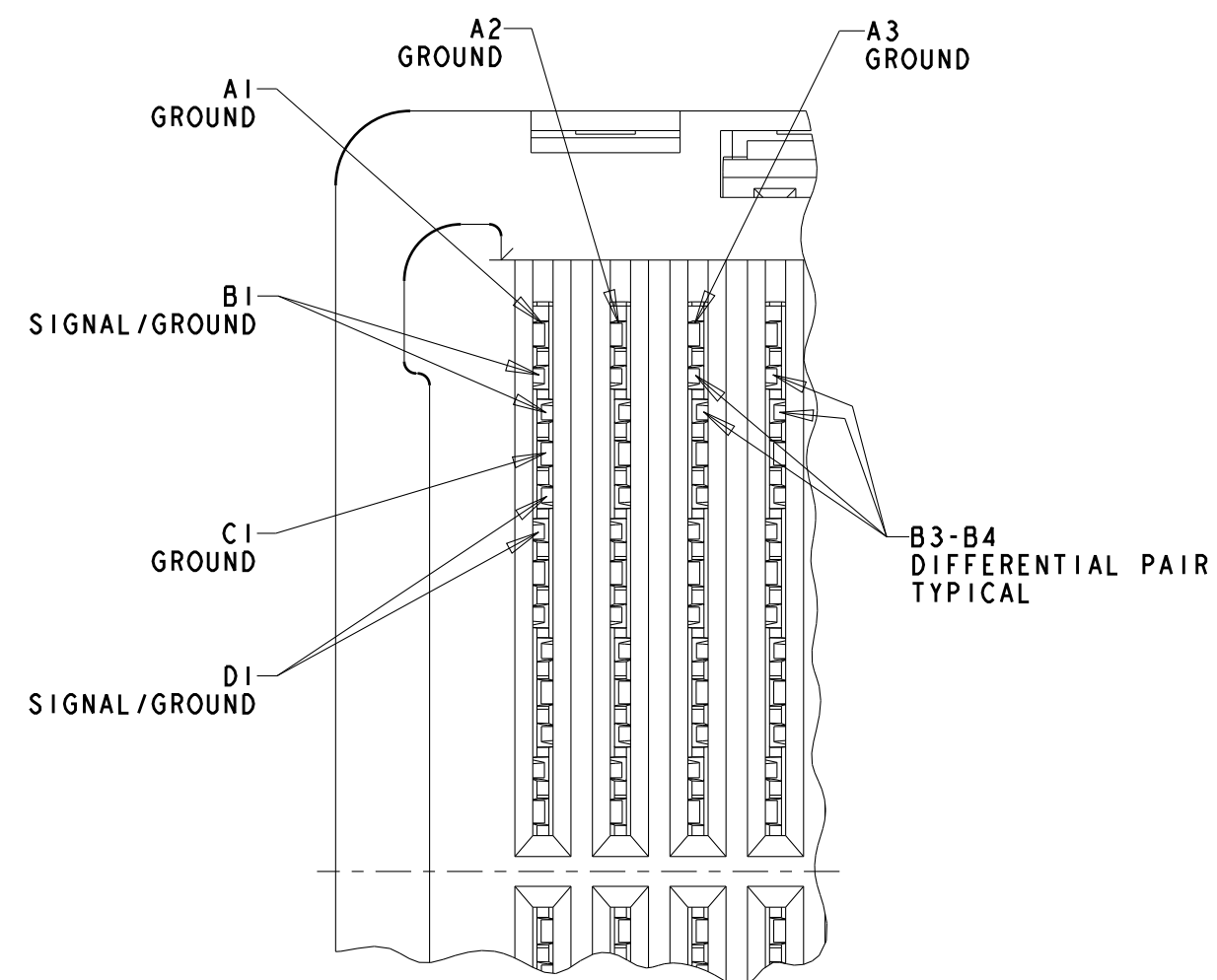
1.3
TYP0.65
TYP

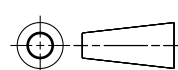
8.125

16.25 REF

22.55 REF

4 5 BOARD PATTERN
SCALE 3:1

RECEPTACLE INTERFACE
SCALE 8:1

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN P BRANDBERG 19JAN05	 TE Connectivity				
				CHK D WERTZ 20JAN05					
		0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ± ANGLES ±2°		APVD D WERTZ 20JAN05	NAME STEP-Z, RECEPTACLE ASSEMBLY, 104 SIGNAL POSITION -				
				PRODUCT SPEC -					
MATERIAL -		FINISH -		APPLICATION SPEC -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
				WEIGHT -	A3	00779	C-1761613	-	
CUSTOMER DRAWING						SCALE -	SHEET 3	OF 3	REV A4

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[TE Connectivity:](#)

[6-1761613-1](#)