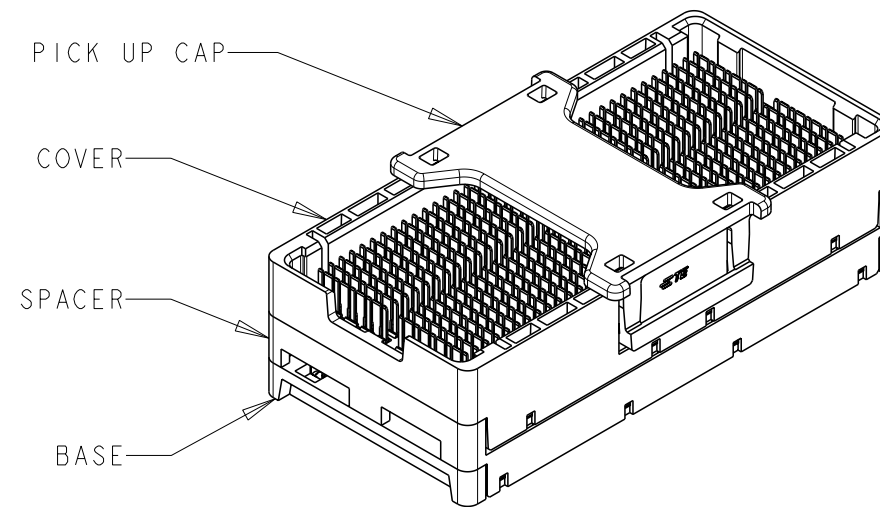
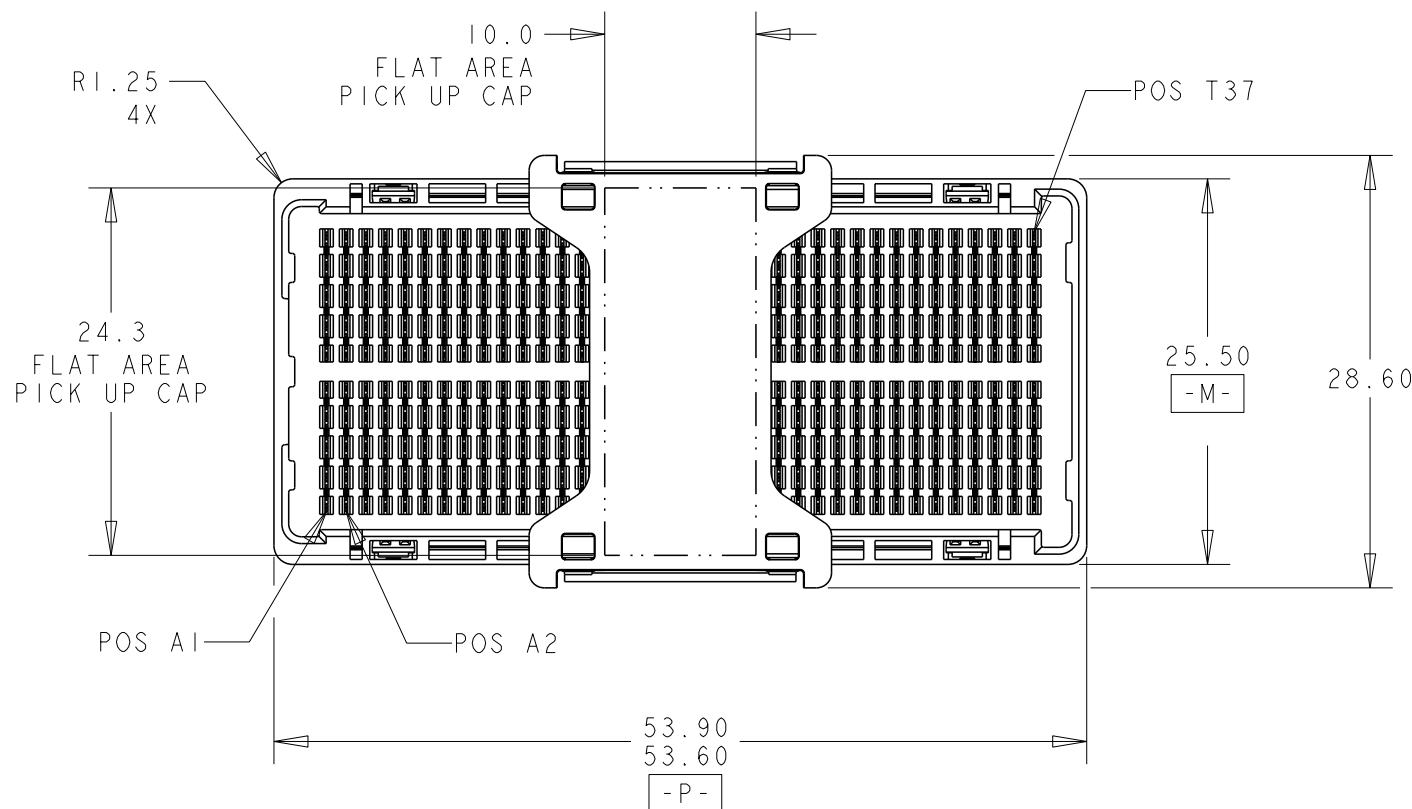


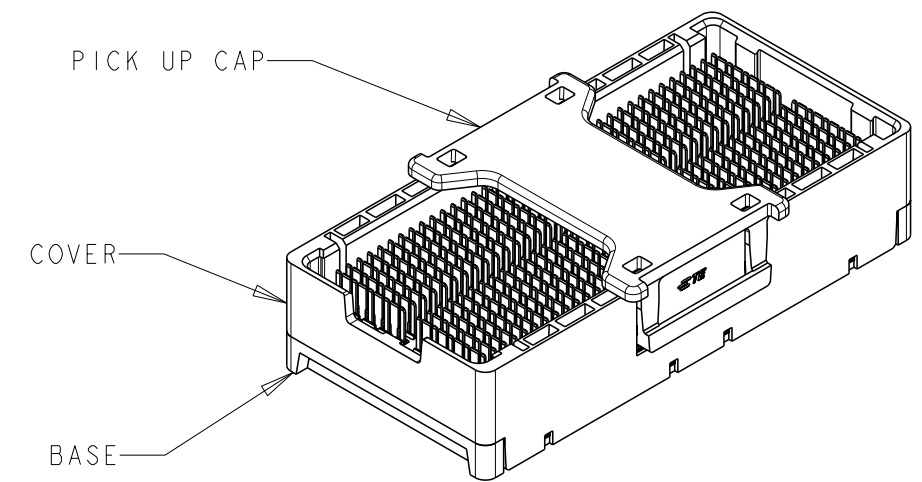
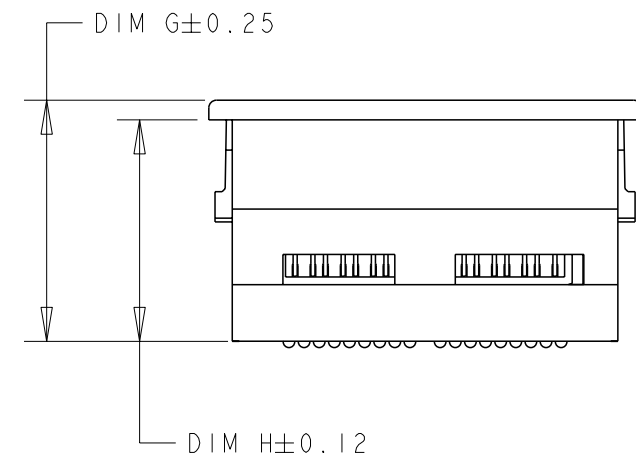
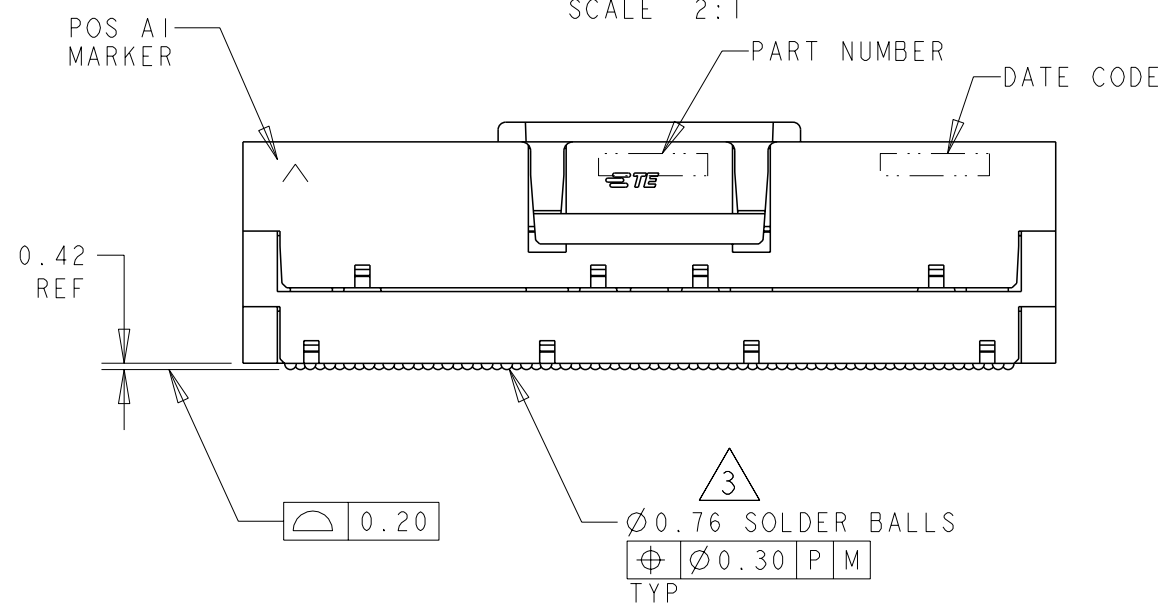
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|----|-----|---------------------------|-----------|-----|------|
| A6 | | REVISED PER ECO-20-017117 | 25APR2021 | AP | RW |
| | | | | | |
| | | | | | |



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 A300779 | |
| | | WEIGHT - | | |
| | | CUSTOMER DRAWING | RESTRICTED TO | |
| | | 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 |

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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)


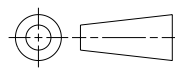
3 SOLDER BALLS WILL NOT BE PERFECT
 SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

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.

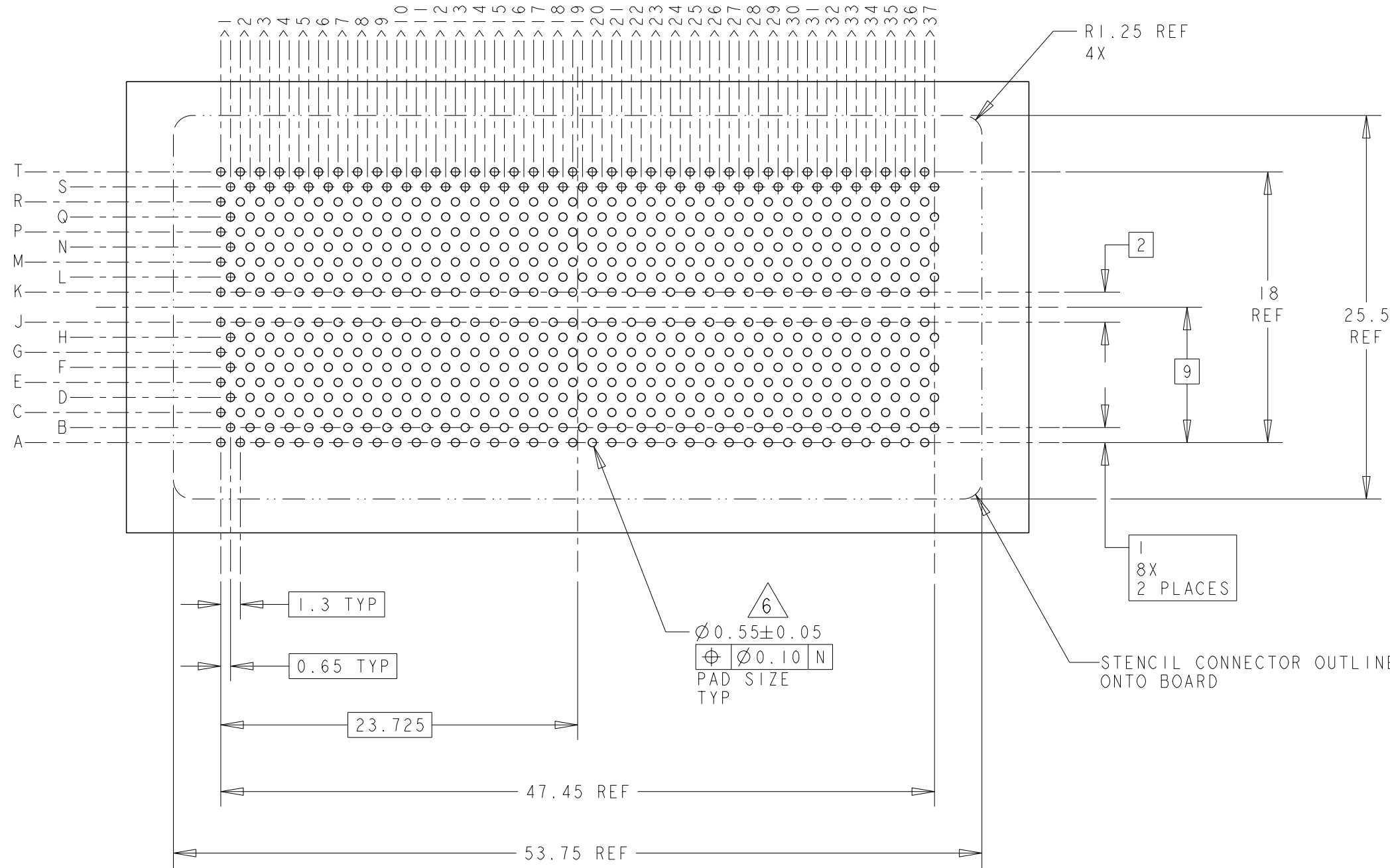
6 SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD
 LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE
 OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS
 SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED
 PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE
 APPLICATION SPEC 114-13101.

| | | | | | |
|----------|-------|-------|------------|-------------|------------------------|
| | 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. | | DWN P BRANDBERG 10 JAN05 |  TE Connectivity | | |
| DIMENSIONS: mm | | CHK D WERTZ 12 JAN05 | | | |
|  | | APVD D WERTZ 12 JAN05 | NAME STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±- ANGLES ±2° | | PRODUCT SPEC - | APPLICATION SPEC - | | |
| MATERIAL - | | FINISH - | WEIGHT - | SIZE A300779 | CAGE CODE C-1761616 |
| CUSTOMER DRAWING | | | SCALE 1:1 | SHEET 2 OF 4 | REV A6 |

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



BOARD PATTERN
SCALE 3:1

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 |
| - | - |

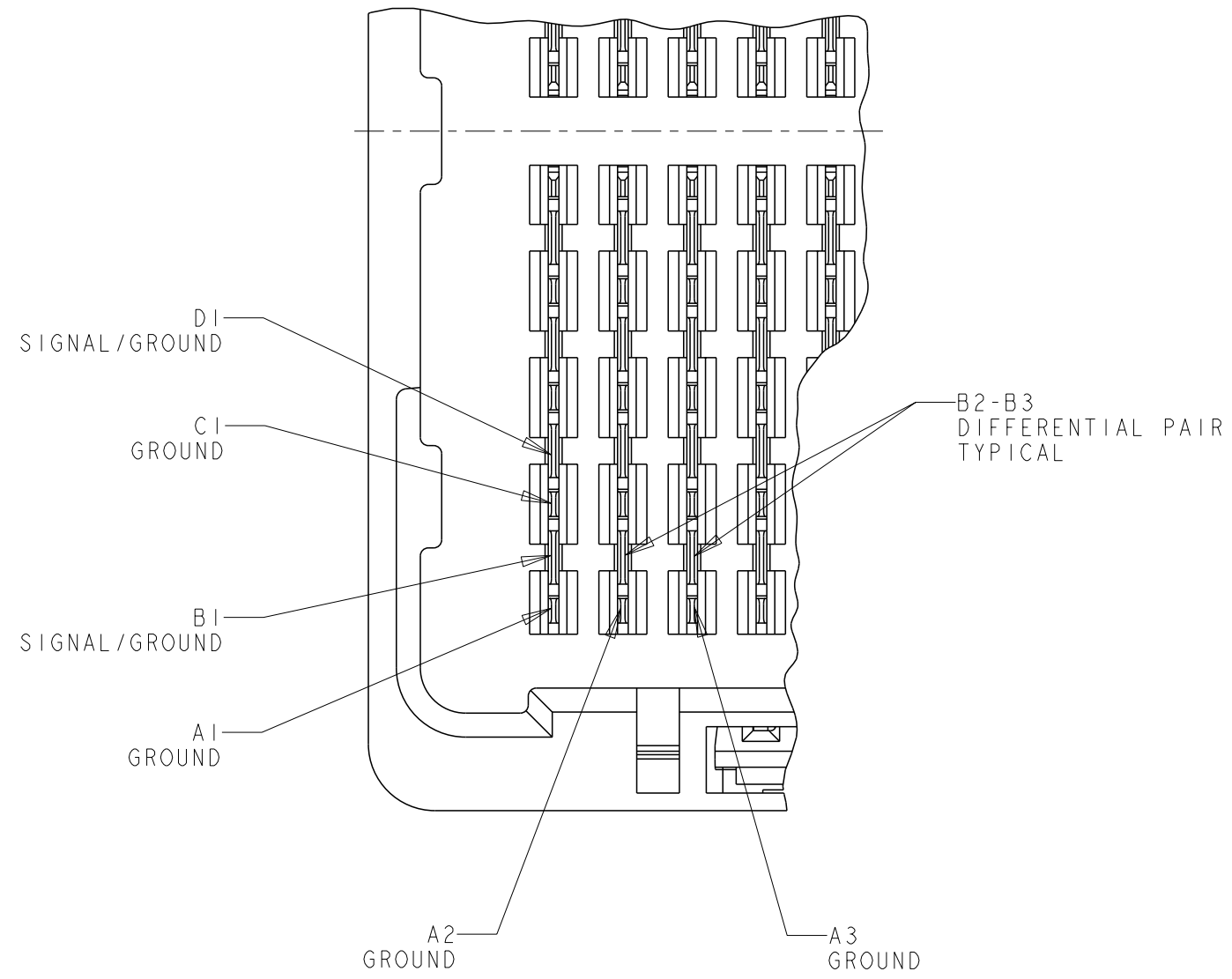
| | | |
|------------------|-------------|-----------|
| DWN | P BRANDBERG | 10 JAN 05 |
| CHK | D WERTZ | 12 JAN 05 |
| APVD | D WERTZ | 12 JAN 05 |
| PRODUCT SPEC | - | - |
| APPLICATION SPEC | - | - |
| WEIGHT | - | - |
| CUSTOMER DRAWING | | |

| | | | |
|-----------|-----------|--|---------------|
| | | NAME | |
| | | STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION | |
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| A3 | 00779 | C-1761616 | - |
| SCALE 1:1 | | SHEET 3 OF 4 | REV A6 |

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REVISIONS

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



PLUG INTERFACE

SCALE 8:1

| | | | | | | | |
|---|--|---------------------------------|------------------|--|------------|---------------|--------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN P BRANDBERG 10 JAN 05 | | NAME STEP-Z PLUG ASSEMBLY, 296 SIGNAL POSITION | | | |
| DIMENSIONS: mm | | CHK D WERTZ 12 JAN 05 | | | | | |
| | | APVD D WERTZ 12 JAN 05 | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | | | | |
| 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±- ANGLES ±2° | | APPLICATION SPEC | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO | |
| MATERIAL | | FINISH | A300779 | | C-1761616 | | |
| | | | CUSTOMER DRAWING | | SCALE 1:1 | SHEET 4 OF 4 | REV A6 |

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单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)