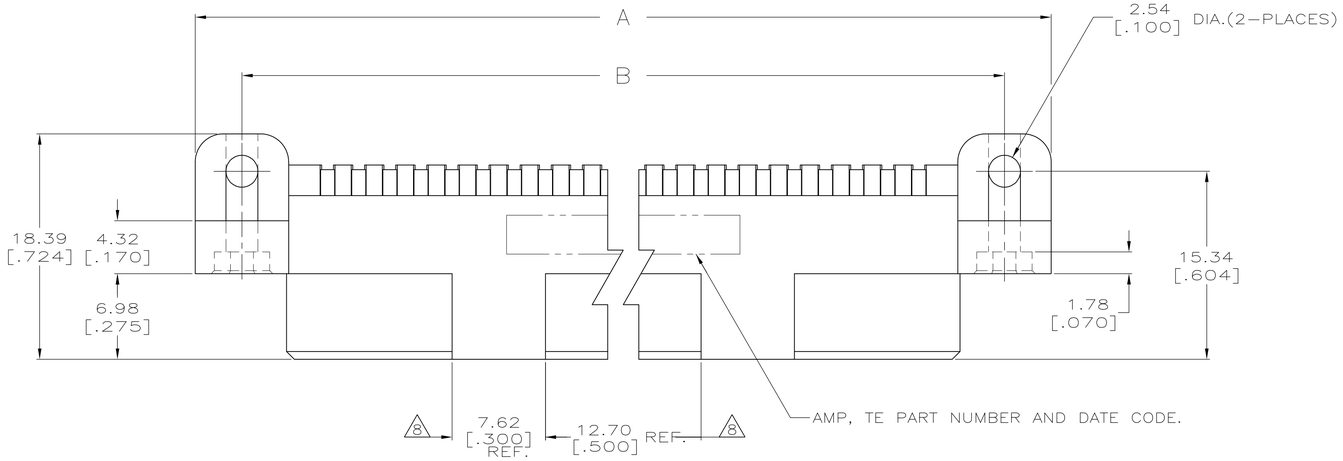
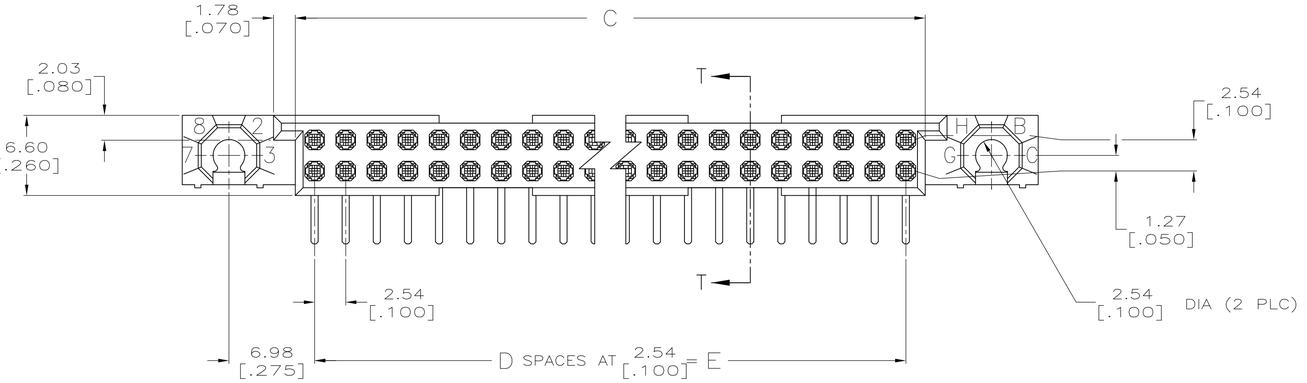
THIS DRAWING IS A CONTROLLED DOCUMENT.

DWG NO 532428

USED ON —



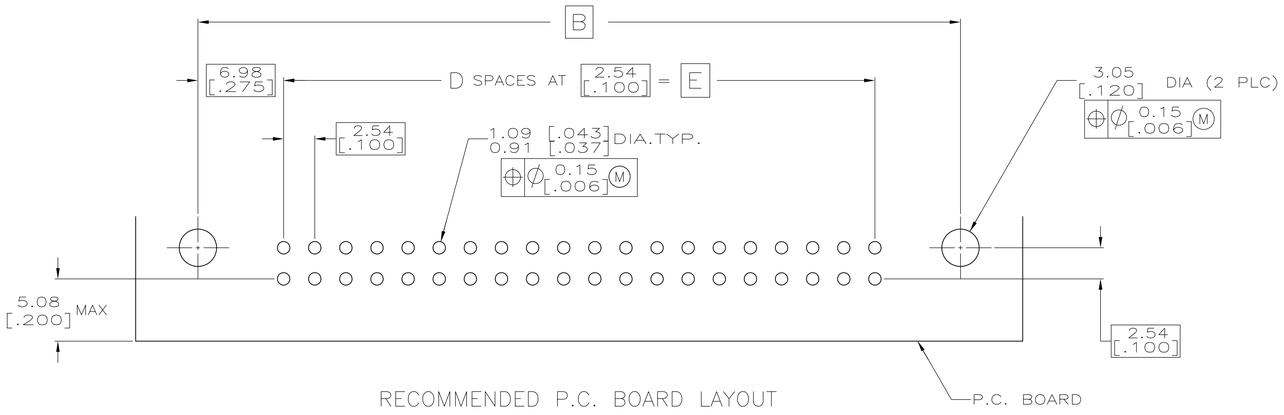







SECTION T-T




RECOMMENDED P.C. BOARD LAYOUT

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | U | REVISED PER ECO-16-009924 | 7JUL2016 | DS | SY |

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.13 [.005]
4 PLC ± –
ANGLES ± –
SURFACE TEXTURE √

| | | | |
|---|---|---|---|
| DWN R.K. SEIFRIED | 06/14/90 | MATERIAL – – | HEAT TREAT – – |
| CHK G.E.SKIPPER | 3/29/94 | | |
| APVD – | – | | |

TE Connectivity

NAME: HDI, 2 ROW, RECEPTACLE ASSEMBLY, 4.57 [.180] LONG SOLDER TAILS

| SCALE | SIZE | DRAWING NO | SHEET | REV |
|---|---|---|---|---|
| 4:1 | A1 | 532428 | 1 OF 2 | U |

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THIS DRAWING IS A CONTROLLED DOCUMENT.

USED ON —

1. HOUSING MATERIAL: THERMOPLASTIC, COLOR–NATURAL,
   COLOR IS BLACK FOR P/N 1–532428–0.
2. CONTACT MATERIAL: COPPER ALLOY.
3. FINISH:
   MATING AREA: MEETS THE PERFORMANCE REQUIREMENTS OF PRODUCT SPECIFICATION 108–9063; BASED ON TELCORDIA DR–1217–CORE APPLICATIONS IN UNCONTROLLED ENVIRONMENTS.
   SOLDER TAILS AREA: TIN–LEAD PLATED.
4. SOLDER TAILS MUST FIT HOLE PATTERN AS SHOWN ON THE RECOMMENDED P.C. BOARD LAYOUT.
5. DIMENSIONS IN BRACKETS ARE IN INCHES.
6. HOUSINGS WITH CENTER MOUNTING IS RECOMMENDED FOR ASSEMBLIES HAVING 75 CONTACTS PER ROW OR MORE.
7. PART NUMBER IS OBSOLETE.
8. QUANITIES OF VOID CORING ARE DEPENDENT ON THE POSITION SIZE OF THE HOUSING.
9. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
10. FINISH:
    CONTACT FINISH: .00127–.00254 [.000050–.000100] NICKEL UNDERPLATE ALL OVER; .000762 [.000030] GOLD PLATE IN CONTACT AREA, TIN–LEAD PLATED POSTS.

| | | | | | | |
|---|---|---|---|---|---|---|
| 226.06 [8.900] | 89 | 229.21 [9.024] | 240.03 [9.450] | 247.65 [9.750] | 180 | 4–532428–8 |
| 200.66 [7.900] | 79 | 203.81 [8.024] | 214.63 [8.450] | 222.25 [8.750] | 160 | 4–532428–6 |
| 251.46 [9.900] | 99 | 254.61 [10.024] | 265.43 [10.450] | 273.05 [10.750] | 200 | 4–532428–5 |
| 175.26 [6.900] | 69 | 178.41 [7.024] | 189.23 [7.450] | 196.85 [7.750] | 140 | 4–532428–3 |
| 149.86 [5.900] | 59 | 153.01 [6.024] | 163.83 [6.450] | 171.45 [6.750] | 120 | 4–532428–1 |
| 124.46 [4.900] | 49 | 127.61 [5.024] | 138.43 [5.450] | 146.05 [5.750] | 100 | 3–532428–9 |
| 99.06 [3.900] | 39 | 102.21 [4.024] | 113.03 [4.450] | 120.65 [4.750] | 80 | 3–532428–7 |
| 73.66 [2.900] | 29 | 76.81 [3.024] | 87.63 [3.450] | 95.25 [3.750] | 60 | 3–532428–5 |
| 60.96 [2.400] | 24 | 64.11 [2.524] | 74.93 [2.950] | 82.55 [3.250] | 50 | 3–532428–4 |
| 48.26 [1.900] | 19 | 51.41 [2.024] | 62.23 [2.450] | 69.85 [2.750] | 40 | 3–532428–3 |
| 210.82 [8.300] | 83 | 213.97 [8.424] | 224.79 [8.850] | 232.41 [9.150] | 168 | ~~2–532428–1~~ |
| — | — | — | — | — | — | ~~2–532428–0~~ |
| — | — | — | — | — | — | ~~1–532428–9~~ |
| 226.06 [8.900] | 89 | 229.21 [9.024] | 240.03 [9.450] | 247.65 [9.750] | 180 | 1–532428–8 |
| — | — | — | — | — | — | ~~1–532428–7~~ |
| 200.66 [7.900] | 79 | 203.81 [8.024] | 214.63 [8.450] | 222.25 [8.750] | 160 | 1–532428–6 |
| 251.46 [9.900] | 99 | 254.61 [10.024] | 265.43 [10.450] | 273.05 [10.750] | 200 | 1–532428–5 |
| 187.96 [7.400] | 74 | 191.11 [7.524] | 201.93 [7.950] | 209.55 [8.250] | 150 | 1–532428–4 |
| 175.26 [6.900] | 69 | 178.41 [7.024] | 189.23 [7.450] | 196.85 [7.750] | 140 | 1–532428–3 |
| — | — | — | — | — | — | ~~1–532428–2~~ |
| 149.86 [5.900] | 59 | 153.01 [6.024] | 163.83 [6.450] | 171.45 [6.750] | 120 | 1–532428–1 |
| 137.16 [5.400] | 54 | 140.31 [5.524] | 151.13 [5.950] | 158.75 [6.250] | 110 | 1–532428–0 |
| 124.46 [4.900] | 49 | 127.61 [5.024] | 138.43 [5.450] | 146.05 [5.750] | 100 | 532428–9 |
| — | — | — | — | — | — | ~~532428–8~~ |
| 99.06 [3.900] | 39 | 102.21 [4.024] | 113.03 [4.450] | 120.65 [4.750] | 80 | 532428–7 |
| 86.36 [3.400] | 34 | 89.51 [3.524] | 100.33 [3.950] | 107.95 [4.250] | 70 | ~~532428–6~~ |
| 73.66 [2.900] | 29 | 76.81 [3.024] | 87.63 [3.450] | 95.25 [3.750] | 60 | 532428–5 |
| 60.96 [2.400] | 24 | 64.11 [2.524] | 74.93 [2.950] | 82.55 [3.250] | 50 | 532428–4 |
| 48.26 [1.900] | 19 | 51.41 [2.024] | 62.23 [2.450] | 69.85 [2.750] | 40 | 532428–3 |
| — | — | — | — | — | — | ~~532428–2~~ |
| 22.86 [.900] | 9 | 26.01 [1.024] | 36.83 [1.450] | 44.45 [1.750] | 20 | 532428–1 |
| E | D | C | B | A | POSN | PART NUMBER |

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | – | SEE SHEET 1 | – | – | – |

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.13 [.005]
4 PLC ± –
ANGLES ± –
SURFACE TEXTURE –√–

DWN R.K. SEIFRIED 06/14/90
CHK G.E.SKIPPER 3/29/94
APVD – –

MATERIAL – –
HEAT TREAT – –

TE Connectivity

NAME HDI, 2 ROW, RECEPTACLE ASSEMBLY, 4.57 [.180] LONG SOLDER TAILS

SCALE 4:1 | SIZE A1 | DRAWING NO 532428 | SHEET 2 OF 2 | REV U

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**Офис по работе с юридическими лицами:**

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9