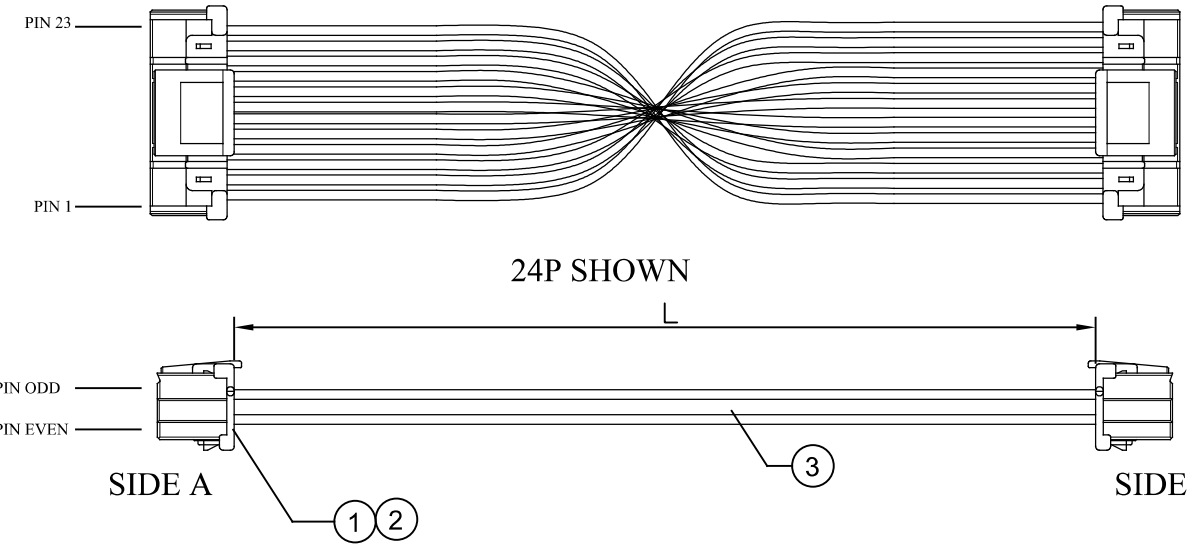
| REV. | CHANG DESCRIPTION | BY | DATE |
|---|---|---|---|
| A | NEW RELEASE | MW | 260304 |
| | | | |




WIRE CHART:

| SIDE A | | SIDE B | Housing P/N |
|---|---|---|---|
| PIN 1 | Black | PIN 1 | |
| PIN 2 | Black | PIN 2 | |
| PIN 3 | Black | PIN 3 | |
| PIN 4 | Black | PIN 4 | |
| PIN 5 | Black | PIN 5 | |
| PIN 6 | Black | PIN 6 | |
| PIN 7 | Black | PIN 7 | |
| PIN 8 | Black | PIN 8 | PNDP-08V-Z |
| PIN 9 | Black | PIN 9 | |
| PIN 10 | Black | PIN 10 | PNDP-10V-Z |
| PIN 11 | Black | PIN 11 | |
| PIN 12 | Black | PIN 12 | PNDP-12V-Z |
| PIN 13 | Black | PIN 13 | |
| PIN 14 | Black | PIN 14 | PNDP-14V-Z |
| PIN 15 | Black | PIN 15 | |
| PIN 16 | Black | PIN 16 | PNDP-16V-Z |
| PIN 17 | Black | PIN 17 | |
| PIN 18 | Black | PIN 18 | PNDP-18V-Z |
| PIN 19 | Black | PIN 19 | |
| PIN 20 | Black | PIN 20 | PNDP-20V-Z |
| PIN 21 | Black | PIN 21 | |
| PIN 22 | Black | PIN 22 | PNDP-22V-Z |
| PIN 23 | Black | PIN 23 | |
| PIN 24 | Black | PIN 24 | PNDP-24V-Z |
| PIN 25 | Black | PIN 25 | |
| PIN 26 | Black | PIN 26 | PNDP-26V-Z |
| PIN 27 | Black | PIN 27 | |
| PIN 28 | Black | PIN 28 | PNDP-28V-Z |
| PIN 29 | Black | PIN 29 | |
| PIN 30 | Black | PIN 30 | PNDP-30V-Z |
| PIN 31 | Black | PIN 31 | |
| PIN 32 | Black | PIN 32 | PNDP-32V-Z |
| PIN 33 | Black | PIN 33 | |
| PIN 34 | Black | PIN 34 | PNDP-34V-Z |
| PIN 35 | Black | PIN 35 | |
| PIN 36 | Black | PIN 36 | PNDP-36V-Z |
| PIN 37 | Black | PIN 37 | |
| PIN 38 | Black | PIN 38 | PNDP-38V-Z |
| PIN 39 | Black | PIN 39 | |
| PIN 40 | Black | PIN 40 | PNDP-40V-Z |
| PIN 41 | Black | PIN 41 | |
| PIN 42 | Black | PIN 42 | PNDP-42V-Z |

| CKTS | P/N | L(MM) | Tolerance | HSG P/N |
|---|---|---|---|---|
| 8 | CB030593-081 | 100 | ±6 | PNDP-08V-Z |
| 8 | CB030593-082 | 200 | ±8 | PNDP-08V-Z |
| 8 | CB030593-083 | 300 | ±8 | PNDP-08V-Z |
| 8 | CB030593-084 | 500 | ±10 | PNDP-08V-Z |
| 8 | CB030593-085 | 1000 | ±10 | PNDP-08V-Z |
| 10 | CB030593-101 | 100 | ±6 | PNDP-10V-Z |
| 10 | CB030593-102 | 200 | ±8 | PNDP-10V-Z |
| 10 | CB030593-103 | 300 | ±8 | PNDP-10V-Z |
| 10 | CB030593-104 | 500 | ±10 | PNDP-10V-Z |
| 10 | CB030593-105 | 1000 | ±10 | PNDP-10V-Z |
| 12 | CB030593-121 | 100 | ±6 | PNDP-12V-Z |
| 12 | CB030593-121 | 200 | ±8 | PNDP-12V-Z |
| 12 | CB030593-123 | 300 | ±8 | PNDP-12V-Z |
| 12 | CB030593-124 | 500 | ±10 | PNDP-12V-Z |
| 12 | CB030593-125 | 1000 | ±10 | PNDP-12V-Z |
| 14 | CB030593-141 | 100 | ±6 | PNDP-14V-Z |
| 14 | CB030593-142 | 200 | ±8 | PNDP-14V-Z |
| 14 | CB030593-143 | 300 | ±8 | PNDP-14V-Z |
| 14 | CB030593-144 | 500 | ±10 | PNDP-14V-Z |
| 14 | CB030593-145 | 1000 | ±10 | PNDP-14V-Z |
| 16 | CB030593-161 | 100 | ±6 | PNDP-16V-Z |
| 16 | CB030593-162 | 200 | ±8 | PNDP-16V-Z |
| 16 | CB030593-163 | 300 | ±8 | PNDP-16V-Z |
| 16 | CB030593-164 | 500 | ±10 | PNDP-16V-Z |
| 16 | CB030593-165 | 1000 | ±10 | PNDP-16V-Z |
| 18 | CB030593-181 | 100 | ±6 | PNDP-18V-Z |
| 18 | CB030593-182 | 200 | ±8 | PNDP-18V-Z |
| 18 | CB030593-183 | 300 | ±8 | PNDP-18V-Z |
| 18 | CB030593-184 | 500 | ±10 | PNDP-18V-Z |
| 18 | CB030593-185 | 1000 | ±10 | PNDP-18V-Z |
| 20 | CB030593-201 | 100 | ±6 | PNDP-20V-Z |
| 20 | CB030593-202 | 200 | ±8 | PNDP-20V-Z |
| 20 | CB030593-203 | 300 | ±8 | PNDP-20V-Z |
| 20 | CB030593-204 | 500 | ±10 | PNDP-20V-Z |
| 20 | CB030593-205 | 1000 | ±10 | PNDP-20V-Z |

| CKTS | P/N | L(MM) | Tolerance | HSG P/N |
|---|---|---|---|---|
| 22 | CB030593-221 | 100 | ±6 | PNDP-22V-Z |
| 22 | CB030593-222 | 200 | ±8 | PNDP-22V-Z |
| 22 | CB030593-223 | 300 | ±8 | PNDP-22V-Z |
| 22 | CB030593-224 | 500 | ±10 | PNDP-22V-Z |
| 22 | CB030593-225 | 1000 | ±10 | PNDP-22V-Z |
| 24 | CB030593-241 | 100 | ±6 | PNDP-24V-Z |
| 24 | CB030593-242 | 200 | ±8 | PNDP-24V-Z |
| 24 | CB030593-243 | 300 | ±8 | PNDP-24V-Z |
| 24 | CB030593-244 | 500 | ±10 | PNDP-24V-Z |
| 24 | CB030593-245 | 1000 | ±10 | PNDP-24V-Z |
| 26 | CB030593-261 | 100 | ±6 | PNDP-26V-Z |
| 26 | CB030593-262 | 200 | ±8 | PNDP-26V-Z |
| 26 | CB030593-263 | 300 | ±8 | PNDP-26V-Z |
| 26 | CB030593-264 | 500 | ±10 | PNDP-26V-Z |
| 26 | CB030593-265 | 1000 | ±10 | PNDP-26V-Z |
| 28 | CB030593-281 | 100 | ±6 | PNDP-28V-Z |
| 28 | CB030593-282 | 200 | ±8 | PNDP-28V-Z |
| 28 | CB030593-283 | 300 | ±8 | PNDP-28V-Z |
| 28 | CB030593-284 | 500 | ±10 | PNDP-28V-Z |
| 28 | CB030593-285 | 1000 | ±10 | PNDP-28V-Z |
| 30 | CB030593-301 | 100 | ±6 | PNDP-30V-Z |
| 30 | CB030593-302 | 200 | ±8 | PNDP-30V-Z |
| 30 | CB030593-303 | 300 | ±8 | PNDP-30V-Z |
| 30 | CB030593-304 | 500 | ±10 | PNDP-30V-Z |
| 30 | CB030593-305 | 1000 | ±10 | PNDP-30V-Z |
| 32 | CB030593-321 | 100 | ±6 | PNDP-32V-Z |
| 32 | CB030593-322 | 200 | ±8 | PNDP-32V-Z |
| 32 | CB030593-323 | 300 | ±8 | PNDP-32V-Z |
| 32 | CB030593-324 | 500 | ±10 | PNDP-32V-Z |
| 32 | CB030593-325 | 1000 | ±10 | PNDP-32V-Z |
| 34 | CB030593-341 | 100 | ±6 | PNDP-34V-Z |
| 34 | CB030593-342 | 200 | ±8 | PNDP-34V-Z |
| 34 | CB030593-343 | 300 | ±8 | PNDP-34V-Z |
| 34 | CB030593-344 | 500 | ±10 | PNDP-34V-Z |
| 34 | CB030593-345 | 1000 | ±10 | PNDP-34V-Z |

| CKTS | P/N | L(MM) | Tolerance | HSG P/N |
|---|---|---|---|---|
| 36 | CB030593-361 | 100 | ±6 | PNDP-36V-Z |
| 36 | CB030593-362 | 200 | ±8 | PNDP-36V-Z |
| 36 | CB030593-363 | 300 | ±8 | PNDP-36V-Z |
| 36 | CB030593-364 | 500 | ±10 | PNDP-36V-Z |
| 36 | CB030593-365 | 1000 | ±10 | PNDP-36V-Z |
| 38 | CB030593-381 | 100 | ±6 | PNDP-38V-Z |
| 38 | CB030593-382 | 200 | ±8 | PNDP-38V-Z |
| 38 | CB030593-383 | 300 | ±8 | PNDP-38V-Z |
| 38 | CB030593-384 | 500 | ±10 | PNDP-38V-Z |
| 38 | CB030593-385 | 1000 | ±10 | PNDP-38V-Z |
| 40 | CB030593-401 | 100 | ±6 | PNDP-40V-Z |
| 40 | CB030593-402 | 200 | ±8 | PNDP-40V-Z |
| 40 | CB030593-403 | 300 | ±8 | PNDP-40V-Z |
| 40 | CB030593-404 | 500 | ±10 | PNDP-40V-Z |
| 40 | CB030593-405 | 1000 | ±10 | PNDP-40V-Z |
| 42 | CB030593-421 | 100 | ±6 | PNDP-42V-Z |
| 42 | CB030593-422 | 200 | ±8 | PNDP-42V-Z |
| 42 | CB030593-423 | 300 | ±8 | PNDP-42V-Z |
| 42 | CB030593-424 | 500 | ±10 | PNDP-42V-Z |
| 42 | CB030593-425 | 1000 | ±10 | PNDP-42V-Z |

Notes:

1. RoHS 2.0 Compliant.
2. Meet IPC-620 Standards.

| S/N | Q'TY | UNIT | DESCRIPTION |
|---|---|---|---|
| 3 | AR | M | UL1061 HOOK WIRE, 80°C, 300V, BLACK, 22WG |
| 2 | 2N | PCS | 2.0mm Pitch, PND Series, Female Terminal, JST: SPND-001T-C0.5 |
| 1 | 2 | PCS | 2.0mm Pitch, PND Series, Female Housing, JST: PNDP-XXV-Z |

GENERAL TOLERANCE UNLESS SPECIFIED:
0 PLC ± 1.27
1 PLC ± 0.50
2 PLC ± 0.13
3 PLC ± 0.03
4 PLC ± 0.002
ANGLES ±3°

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| APPROVED | P/N: | CONBEONE |
|---|---|---|
| RW | SEE TABLE | www.conbeone.com |
| CHECKED | DOC# | TITLE: 2.0 PITCH, PND SERIES OTS DUAL ENDS, TYPE DBDE |
| CT | SD-CB030593-0 | |
| DRAWN | CUSTOMER COPY | |
| MW | | |

| SIZE | UNIT | SCALE | PAGE | REV |
|---|---|---|---|---|
| A4 | MM | N.T.S | 1 OF 1 | A |