



LAYOUT DIMENSIONS
CONNECTOR SIDE VIEW

ELECTRICAL DATA

- I max 7.5A
- Contact resistance $\leq 7.3\text{ m}\Omega$
- Insulation resistance >5000 M Ω
- TEST VOLTAGE
- contact/contact >1000V
- contact/ground >1200V

MECHANICAL DATA

- Contact force >0.14N
- Retention force >40N
- Insertion force according to DIN41652 Part 2
- Withdrawal force according to DIN41652 Part 2
- Mechanical endurance : 200 matings / unmatings
- Material shell steel ,brigt tin-Lead
- Material insulator glass filled thermoplastic UL94V0
- Material contacts pin :brass
- Finish on contact area flash gold over nickel
- Finish on termination end bright tin-Lead over nickel
- Solderability according to DIN 41640 Part 70, test 12a
- Shock according to DIN41640 Part 14, test 6c,50g
- Vibration according to DIN41640 Part 15, test 6d,20g
- 10 to 2000Hz:discontinuity$\leq 1\mu\text{s}$

ENVIRONMENTAL DATA

- Climatic category -55° / +125°/21
- Corrosion salt spray: 24h

Dimensions are in millimeters

| Shell size | Number of contacts | A +0.76 -0 | B +0.25 -0 | C ±0.12 | F +0.61 -0 | G +0.30 -0 | H +0.51 -0 | L +0.24 -0 | Part number |
|------------|--------------------|------------|------------|---------|------------|------------|------------|------------|---------------|
| E 09 | 30.43 | 16.21 | 24.99 | 10.46 | 5.82 | 19.02 | 0.78 | 0.78 | DEPLO9P531CTX |
| A 15 | 38.76 | 24.54 | 33.32 | 10.46 | 5.82 | 27.25 | 0.78 | 0.78 | DAPL15P531CTX |
| B 25 | 52.65 | 38.25 | 47.04 | 10.43 | 5.69 | 41.02 | 0.78 | 0.78 | DBPL25P531CTX |
| C 37 | 68.94 | 54.71 | 63.50 | 10.57 | 5.69 | 57.45 | 0.78 | 0.78 | DCPL37P531CTX |

| | | |
|-------------------------------------|----------|--------------------------------|
| a | 13/01/04 | Creation of drawing |
| ISS DATE | -- | Latest modification by : JARRY |
| Designed by: | JARRY | date:13/01/04 |
| Type of drawing: | | |
| SCALE: | 2 | |
| TITLE : PIN CNRS SUB D RIGHT ANGLED | | |
| SHEET | 2 | |

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