



**NOTES:**

- METALSHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- SIGNAL CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):  
 PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)  
 PLEASE ADD B for 20µm HARD GOLD over min. 50µm NICKEL  
 PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
- METAL BRACKETS: ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
- THREADED INSERTS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
- FIXING-PLATE: PBT GF UL 94 V-0; BLACK
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: 163□14959X CONEC ABC (see note 3)

Directive 2002/95/EC RoHS compliant

|   |             |      |            |                                  |   |  |        |
|---|-------------|------|------------|----------------------------------|---|--|--------|
| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND | tolerance   |      | dim. in mm |                                  | scale: 2:1 (5:1)                                  |  |        |
|   |             |      |            |                                  | material: SEE NOTES                               |  |        |
|   |             |      | date       | name                             | title:  |  |        |
|   |             |      | drawn      | 20.06.14                         | D-SUB MALE 90°                                    |  |        |
|   |             |      | appd.      | 23.06.14                         | 9pos. SOLDER PIN ANGLED 0.318inch                 |  |        |
|   |             |      | norm       |                                  | with threaded insert, metal bracket, fixing-plate |  |        |
|   |             |      | d-old      |                                  | dwg no:   |  | DIN-A3 |
|   | a Original  |      |            |                                  | 16K1A3478   |  | sh: 1  |
| rev.  | description | date | name       | part no: 163□14959X (see note 3) |   |  |        |

