



NOTES:

1. MATERIALS AND FINISHES:
 - INSULATOR: GLASS FILLED PLASTIC UL 94 V-0 RATED, GREY RAL 7035
 - CONTACTS: COPPER ALLOY, PLATING: 0.8 μM GOLD OVER NICKEL
2. ELECTRICAL CHARACTERISTICS:
 - CREEPING AND CLEARANCE DISTANCE; MINIMUM SPACING:
 - CONTACTS 5-16 TO ANY OTHER CONTACT WITHIN THIS GROUP: 0.7 MM
 - CONTACTS 17-24 TO ANY OTHER CONTACT WITHIN THIS GROUP: 2.5 MM
 - CONTACT 25 TO 26: 5.5 MM
 - CONTACTS 27-34 TO ANY OTHER CONTACT WITHIN THIS GROUP: 1.4 MM
 - CONTACTS 13-16 TO 17-20: 3.0 MM
 - CONTACTS 21-24 TO 25-26: 4.0 MM
 - CONTACTS 25-26 TO 27-29: 2.0 MM
 - CONTACT CURRENT RATING:
 - POWER CONTACTS: 16 AMPERES MINIMUM, TESTED PER IEC 60321-2-10, 182.3-M1987, ALL CONTACTS UNDER LOAD
 - SIGNAL CONTACTS: 2 AMPERES NOMINAL
 - INITIAL CONTACT RESISTANCE PER IEC 512-2, TEST 2b:
 - POWER CONTACTS: 0.0022 OHM MAX.
 - SIGNAL CONTACTS: 0.0085 OHM MAX.
 - INSULATION RESISTANCE: 5 G OHM PER IEC 512-2, TEST 3a, METHOD A
 - 3. POSITIONS WITHOUT CONTACTS: 1, 2, 3, 4
 - 4. WORKING TEMPERATURE: -55°C TO +125°C
 - 5. CONNECTOR IS PART MARKED: [PART_NO., CONEC, ABC]

PCB hole pattern

