NOTES:

1. MATERIAL:
   1-1. SIGNAL TERMINAL, DETECT TERMINAL: COPPER ALLOY
   1-2. SHELL, CAM PIN, SPRING: STAINLESS STEEL
   1-3. HOUSING, CAM, LCP, UL94V-0: BLACK

2. FINISH:
   2-1. SIGNAL TERMINAL: NICKEL (1.25 MICRONS MINIMUM) UNDERPLATED, GOLD (0.5 MICRONS MINIMUM) PLATING ON CONTACT AREA, TIN (2.5 MICRONS MINIMUM) PLATING ON SOLDER TAIL
   2-2. DETECT PIN: NICKEL (1.25 MICRONS MINIMUM) UNDERPLATED, GOLD (0.125 MICRONS MINIMUM) PLATING ON CONTACT AREA, TIN (2.5 MICRONS MINIMUM) PLATING ON SOLDER TAIL

3. MECHANICAL SPECIFICATION:
   REPEATED 5000 TIMES MATING AND UNMATING CYCLES AND STILL MEET ELECTRICAL CHARACTERISTICS

4. ELECTRICAL SPECIFICATION:
   4-1. RATED CURRENT (PER CONTACT): 0.5 AMPS MAX AND TEMPERATURE RISE SHOULD BE 30°C MAX
   4-2. INSULATION RESISTANCE (R.I.): 100 MEGOHMS MIN.
   4-3. DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
   4-4. CONTACT RESISTANCE: 100 MILLIOHMS MAX

TOLERANCE FOR LAYOUT DIMENSIONS: ±0.05