1. **MATERIAL**
   1.1 INSULATOR: SEE ORDER INFORMATION, UL94V-0.
   INSULATOR COLOR: BLACK.
   1.2 CONTACT: COPPER ALLOY. (SEE ORDER INFORMATION) PLATED OVER 30μ MIN. NICKEL UNDERPLATED OVERALL.

2. **ELECTRICAL CHARACTERISTICS**
   2.1 CURRENT RATING: 3 A.
   2.2 CONTACT RESISTANCE: 20mΩ MAX.
   2.3 INSULATION RESISTANCE: 1000MΩ MIN.
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC PER MINUTE.
   2.5 OPERATING TEMPERATURE: -40°C ~ +105°C.

3. **NOTES:**
   3.1 THIS COMPONENT AND ITS HOMOGENEOUS SUBCOMPONENTS ARE RoHS COMPLIANT.
   3.2 RESISTANCE TO SOLDERING HEAT: 265°C FOR 5 SECONDS.
   AND ONLY FOR WAVE SOLDERING PROCESS.

4. **ORDER INFORMATION:**
   XTH-FP11L X B1 XX-2 XX A-T01

   INSULATOR MATERIAL:
   - A: PET
   - E: P60T
   NO. OF SINGLE ROW CONTACTS:
   - 02: 2PINS
   - 03: 3PINS
   CONTACT PLATED:
   - ~ ~
   F FOR FULL GOLD:
   - F1: 1u" GOLD
   - F2: 2u" Gold
   - F3: 3u" Gold
   - F4: 4u" Gold
   - F5: 5u" Gold
   - F6: 6u" Gold
   T FOR FULL TIN:
   - T1: 80μ MIN TIN PLATED

5. **RECOMMENDED P.C.B. HOLE LAYOUT**
   COMPONENT SIDE VIEW (TOLERANCE: ±0.05)

   **TOLERANCES:**
   - DIM. XX ±0.3
   - XXX ±0.25
   UNIT: mm
   GENERAL ANGLE: ±3°

   **DRAWN:**
   Lidar
   **REV. DESCRIPTION**: NEW RELEASE
   **DATE**: Nov.11.2009

   **CHECKED:** Brant
   **PART NO.:** XTH-FP11LX01XX-XXXX-T01
   **APPROVAL:** Mark
   SCALE: none
   SHEET: 1 OF 1
   LAYER: CN023
   Dwg. Size: A4 1/2
   **RFQ NO.:** Q0910219

   **ARTICLE:** CPC-CN-001-B