



- NOTE: 3D DATABASE FEATURES TAKE PRECEDENCE OVER 2D DRAWINGS, REFER TO 3D DATABASE FILE.
- THE CPK CAPABILITY VALUE: >=1.67.
  - HOUSING:
    - MATERIAL: PA66+30%GF, COLOR: BLACK.
    - FINISH: ALL EXTERIOR SURFACES TO BE FINISHED BY VDI 21G.
    - FLASH NOT TO EXCEED 0.05mm.
    - THE MOLD PARTS SHOULD BE NOT ALLOWED ADD ANY RECYCLED RESINS TO ITS RAW MATERIAL.
    - ALL DRAFT ANGLES TO BE 1.0 ~ UNLESS OTHERWISE.
    - PARTING LINE MISMATCH, ANY VISIBLE DAMAGE ARE NOT PERMITTED ON SEALING SURFACE.
    - WITNESS LINE, SCRATCH, ANY VISIBLE DAMAGE ARE NOT PERMITTED ON SEALING SURFACE.
  - TERMINAL:
    - MATERIAL: COPPER ALLOY WITH TENSILE STRENGTH>600N/mm, ELECTRICAL CONDUCTANCE>305m/mm.
    - BASE PLATING: 2~3 μm Ni IN PLATING: 2.5~4um Sn.
    - CONDUCT MUST BE FREE OF BURRS AND SHARP EDGES.
    - PIN ROTATION: 5°MAX.
  - SPECIFICATION:
    - ENVIRONMENTAL:
      - HIGH TEMPERATURE OPERATION TEST: AT +105℃, FOR 96 HOURS.
      - LOW TEMPERATURE OPERATION TEST: AT -40℃, FOR 96 HOURS.
      - TEMPERATURE CYCLING TEST: AT 55℃, 85%RH, FOR 96 HOURS.
      - HUMIDITY SHOCK TEST: ONE THERMAL SHOCK TEST: CYCLE IS DEFINED AS FOLLOWS: SOAK WITH UNIT FOR 30 MIN AT -40℃ AND SOAK ONE TIME, BENDING OR DEFECT NOT ALLOWED. REPEAT 100 CYCLES, TRANSFORM 5 MINUTES PER ONE TIME, BENDING OR DEFECT NOT ALLOWED.
      - TEMPERATURE LIFE TEST: AT +75℃, FOR 1000 HOURS, BENDING OR DEFECT NOT ALLOWED.
    - MECHANICAL:
      - MATING FORCE(WITH LOCKING) : <75N
      - UNMATING FORCE(WITHOUT LOCKING) : <75N
      - CONTACT RETENTION FORCE >100N(ASSEMBLY DIRECTION)
      - PLS REFER TO SPEC-50992-XXXX-001
  - PACKAGE PLS REFER TO 50992-XXXX-TRAY
  - PART NUMBER 50992-XXX X X-CA2

NO OF CKT 016: 16PIN  
 PACKING L: LEAD FREE(PURE TIN)  
 2: TRAY

一般公差 TOLERANCES X ±0.6 XX ±0.15 X ±0.25 XXX ±0.1 ANGLES ±2°		品名 (UNIT) <b>宏致電子股份有限公司</b> <b>Aces Electronics Co.,Ltd.</b>	
檢驗尺寸標示 SYMBOLS ⊕ INDICATE CLASSIFICATION DIMENSION ⊕ MARK IS CRITICAL DIM. ⊕ MARK IS MAJOR DIM.		圖號 (DRG.NO) 50992-XXXX-XXX	
表面處理 (FINISH)		製圖 (DRA) 16/12/09 審核 (CHKD) DDavid	
比例 (SCALE) 1:1		核准 (APPD) JASON	
單位 (UNITS) mm		張數 (SHEET) 1 OF 1	
		SIZE REV A4 A	