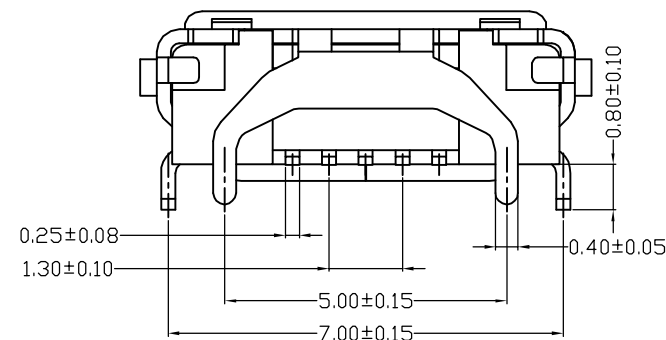


**RECOMMENDED PCB LAYOUT**



MATERIAL:  
 HOUSING: LCP+GF, UL94V-0, BLACK  
 SHELL: STAINLESS STEEL, T=0.25mm, 80u" MIN. MATTE TIN PLATED OVER 30u" MIN. NICKEL UNDERPLATED OVERALL.  
 CONTACT: PHOSPHOR BRONZE, T=0.15mm, 30u" MIN. SELECTIVE GOLD PLATED ON THE CONTACT AREA, GOLD FLASH PLATED ON THE SOLDER TAILS, 30u" MIN. NICKEL UNDERPLATED OVERALL.

ELECTRICAL PERFORMANCE:  
 CONTACT RESISTANCE: 30m OHMS MAX. (INITIAL)  
 MAX. CHANGE (DELTA) OF +10m OHMS (FINAL)  
 DIELECTRIC STRENGTH VOLTAGE: 100V AC(RMS), NO BREAKDOWN  
 INSULATION RESISTANCE: 100M OHMS MIN. @100VDC  
 VOLTAGE RATING: 30V (RMS) MAX.  
 CONTACT CURRENT RATING: 1.8A MAX. (PIN 1 AND PIN 5)  
 0.5A MAX. (OTHER CONTACTS)

TEMPERATURE RISE  $\Delta T=30^{\circ}$  C MAX.  
 OPERATING TEMPERATURE:  $-30^{\circ}$  C TO  $+80^{\circ}$  C (INCLUDING TEMPERATURE RISE)  
 MECHANICAL PERFORMANCE:  
 INSERTION FORCE: 35N MAX. MATE AT THE MAX. RATE OF 12.5mm PER MINUTE  
 EXTRACTION FORCE: 8N MIN. MATE AT THE MAX. RATE OF 12.5mm PER MINUTE  
 DURABILITY: 10,000 CYCLES, MATE/UNMATE AT MAX. RATE OF 200 CYCLES PER HOUR  
 CONTACT RESISTANCE MAXIMUM CHANGE (DELTA) OF +10m OHMS  
 HEAT RESISTANCE TO REFLOW SOLDERING:  $260^{\circ}$  C  $\pm 5^{\circ}$  C FOR 10+1 SECONDS

**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
 PCB CONNECTORS  
 Cable ASSEMBLIES

DRAWING BY CY

X.  $\pm 0.50$

CHECKED BY GENIUS

.X  $\pm 0.30$

UNIT / mm

SCALE 1 : 1

.XX  $\pm 0.20$

DATE

.XXX  $\pm$

ANG  $\pm 1^{\circ}$

SIZE A4

P PROJECTION

照片框

**ORDER INFORMATION**

**MSB-SWMM7050-5B-LF**  
 SERIES | LEADFREE  
 5 PIN B TYPE  
 70x50mm  
 METAL FOOT  
 90°SMT  
 FEMALE

DESCRIPTION: MINI USB 5P/F B TYPE 牛角内DIP 0.8(7.00\*5.00)

煜倫股份有限公司

www.morethanall.com