



**ELECTRICAL:**

CURRENT: 100VAC 1A MAX. / 12VDC 2A MAX.  
 CONTACT RESISTANCE: < 30m Ω  
 INSULATOR RESISTANCE: > 500M Ω AT 500VDC  
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.  
 OPERATING TEMPERATURE: -40° C TO +105° C

**MATERIAL:**

INSULATOR: THERMOPLASTIC PBT (UL94V-0)  
 CONTACT: PHOSPHOR BRONZE  
 SHIELD: COPPER ALLOY

**MECHANICAL:**

CONTACT FORCE: 0.9~3KG  
 CONTACT RETENTION FORCE: 4lb MIN.  
 DURABILITY 5000 MATING CYCLES.

**HOW TO ORDER:**

**D 0 0 1 - 0 9 1 1 - 2 0 X - Z**

**NUMBER OF CONTACTS:**  
 09 CONTACTS

**GROUNDING TABS:**  
 1 - STRAIGHT TYPE

**SHIELDING:**  
 1 - SHIELDED

**TERMINAL TYPE:**  
 2 - SNAP IN FIT

**SELECTIVE PLATING:**  
 0 - Au FLASH CONTACT AREA/TIN TAIL  
 1 - 15u" Au CONTACT AREA/TIN TAIL  
 2 - 30u" Au CONTACT AREA/TIN TAIL

**RoHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date	
0	Issued	D.H.	S.M.	S.M.	02/27/04
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	07/28/08

**SMP TECHNOLOGY, INC.**

Mini Din Connector, 9 Position Shielded, Snap Fit Terminal Tab

DRAWING No. D001-1  
 TOL. DEC. X. +/- 0.5 X.X +/- 0.3 X.XX +/- 0.15 ANGLE +/- 3° UNIT: mm/in

SERIES: D 0 0 1