



**MECHANICAL:**  
DURABILITY: 500 Cycles (Insertion & Withdrawl)

**ELECTRICAL:**  
CONTACT RESISTANCE:  
BEFORE DURABILITY TEST  
BETWEEN TERMINALS: 30 MILLIOHMS Max.  
PLUG TO CONTACTS: 50 MILLIOHMS Max.  
AFTER DURABILITY TEST  
BETWEEN TERMINALS: 60 MILLIOHMS Max.  
PLUG TO CONTACTS: 100 MILLIOHMS Max.

RATED VOLTAGE: 24V DC.  
RATED CURRENT: 2.5 amps.  
INSULATOR RESISTANCE: > 100 Megohms Min. At 500 VDC.  
OPERATING TEMPERATURE: -25°C TO +85°C

**MATERIAL:**  
INSULATOR: PBT (UL94V-0)  
SIGNAL CONTACT: COPPER ALLOY, TIN PLATED  
GROUND CONTACT: COPPER ALLOY, TIN PLATED  
TERMINAL: COPPER ALLOY, TIN PLATED

**HOW TO ORDER:**

P 0 0 2 - 3    8 A 0 - 2    2    0 - Z

**CENTER PIN DIAMETER:** 3 - 1.3mm    **PCB MOUNTING OPTIONS:** 2 - SOLDER TAIL (Spring Tab) RETENTION TAIL    **PACKAGING:** 2 - TUBE    **RoHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	04/28/11

**SMP TECHNOLOGY, INC.**

DC Power Connector with Blue / Amber LED,  
1.3mm Ø Pin, Panel Mount

TOL. DEC.    .X +/- 0.25    .XX +/- 0.15    .XXX +/- 0.08    ANGLE +/- 1°    UNIT: mm

P/N: P002-38A0-220-Z