



**ELETRICAL:**

CURRENT RATING: 1.5 A  
 VOLTAGE RATING: 12 VAC max.  
 CONTACT RESISTANCE: 30 mΩ max.  
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC for 1 min (sea level)  
 INSULATION RESISTANCE: 1000 MΩ min.

**MATERIAL:**

INSULATOR: Thermoplastic - 30% Glass Fiber Reinforced UL94 V-0  
 CONTACTS: Copper Alloy  
 CONTACT PLATING: Selective Gold Plated on Contact Area Over  $50 \mu\text{m}$  Min. NI Under Plated  $100\mu\text{m}$  Min. Tin Plating on Solder Tails

**ENVIRONMENTAL:**

TEMPERATURE :  $-40^\circ\text{C}$  to  $105^\circ\text{C}$

**HOW TO ORDER:**

W 3 0 0 - 0 7 2 2 - 2 P X 0 - Z

**SELECTIVE CONTACT PLATING:**

- 1 -  $0.127 \mu\text{m}$  [ $5 \mu\text{m}$ ] SELECTIVE GOLD PLATING
- 2 -  $0.254 \mu\text{m}$  [ $10 \mu\text{m}$ ] SELECTIVE GOLD PLATING
- 3 -  $0.381 \mu\text{m}$  [ $15 \mu\text{m}$ ] SELECTIVE GOLD PLATING
- 4 -  $0.508 \mu\text{m}$  [ $20 \mu\text{m}$ ] SELECTIVE GOLD PLATING
- 5 -  $0.762 \mu\text{m}$  [ $30 \mu\text{m}$ ] SELECTIVE GOLD PLATING

**PACKAGING:**

0 - Tube

**RoHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	04/04/13

**SMP TECHNOLOGY, INC.**

SATA, 7 Pin, Male, Vertical, Thru Hole Mount, w/ Metal PCB Fork Lock

TOL. DEC. .X +/- 0.38 .XX +/- 0.25 .XXX +/- 0.13 ANGLE +/- 3° UNIT: mm

P/N: W300-0722-2PX0-Z

Pg: 1