



**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 μ" Min. NI Under Plated  
 100μ" Min. Tin Plating on Solder Tails

**ENVIRONMENTAL:**

TEMPERATURE : -40°C to 105°C

**HOW TO ORDER:**

**W 3 0 0 - 0 7 2 5 - 0 5 X X - Z**

**SELECTIVE CONTACT PLATING:**

- 1 - 0.127 μm [5 μ"] SELECTIVE GOLD PLATING
- 2 - 0.254 μm [10 μ"] SELECTIVE GOLD PLATING
- 3 - 0.381 μm [15 μ"] SELECTIVE GOLD PLATING
- 4 - 0.508 μm [20 μ"] SELECTIVE GOLD PLATING
- 5 - 0.762 μm [30 μ"] SELECTIVE GOLD PLATING

**PACKAGING:**

- 0 - Tube
- 2 - Tape & Reel

**RoHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date	<b>SMP TECHNOLOGY, INC.</b>
0	B.S.	S.M.	S.M.	04/04/13	
A	B.S.	S.M.	S.M.	05/28/13	SATA, 7 Pin, Male, Vertical, Surface Mount, w/ Metal Fork Locking Peg
TOL. DEC. .X +/- 0.38 .XX +/- 0.25 .XXX +/- 0.13 ANGLE +/- 3° UNIT: mm					P/N: W300-0725-05XX-Z
					Pg: 1