



RECOMMENDED P.C.B. LAYOUT

HOW TO ORDER:

W 3 0 0 - 0 7 0 1 - 0 0 X - Z

SELECTIVE CONTACT PLATING:

- 1 - 0.127 mm [5 m"]
- 2 - 0.254 mm [10 m"]
- 3 - 0.381 mm [15 m"]
- 4 - 0.508 mm [20 m"]
- 5 - 0.762 mm [30 m"]

ELETRICAL:
 CURRENT RATING: 1.5 A
 VOLTAGE RATING: 30 VAC
 CONTACT RESISTANCE: 30 mΩ max.
 DIELECTRIC WITHSTANDING VOLTAGE:
 500 VAC for 1 mins (sea level)
 INSULATION RESISTANCE:
 1000 MΩ min. at 100VDC

MATERIAL:
 INSULATOR: High Temperature Thermoplastic Black
 CONTACTS: Copper Alloy
 CONTACT PLATING: Selective Gold Plated on Contact Area Over 50 μ" MIN. NI Under Plated

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -25° to 65°

Rev	Drawn	Checked	Approved	Date	
0	Issued	A.M.	S.M.	S.M.	04/03/03

SMP TECHNOLOGY, INC.

Serial ATA Connector, Right Angle, Surface Mount

SCALE

TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- 0.15 ANGLE +/- 3° UNIT: mm

P/N: W300-0701-00X-Z Pg: 1