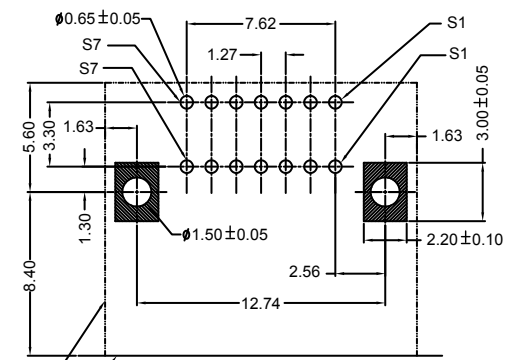
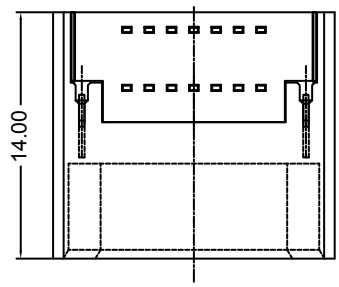


ISOMETRIC VIEW

SIGNAL	
Name	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND



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

**MATERIAL:**  
 INSULATOR: High Temperature Thermoplastic Black; Nylon 46 + 30% Glass Fill  
 CONTACTS: Copper Alloy  
 CONTACT PLATING: Selective Gold Plated on Contact Area Over 50 μ" MIN. Ni Under Plated;  
 Tin Plating on Solder Tail

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE: -55°C to 85°C

**HOW TO ORDER:**

**W 3 1 0 - 1 4 1 7 - 4 P X - Z**  
RoHS  
COMPLIANT

**SELECTIVE GOLD PLATING (CONTACT AREA)**

- 1 - 8 μ"
- 3 - 15 μ"
- 4 - 20 μ"
- 5 - 30 μ"

Rev		Drawn	Checked	Approved	Date
0	Issued	B.S.	S.M.	S.M.	09/26/13
SCALE					
TOL. DEC.	.X +/- 0.35	.XX +/- 0.25	.XXX +/- 0.20	ANGLE +/- 3°	UNIT: mm

**SMP TECHNOLOGY, INC.**

Serial ATA Connector; Dual Stacked ;Right Angle, Thru Hole Mount

7 Pos. Male over 7 Pos. Male

P/N: W310-1417-4PX-Z Pg: 1