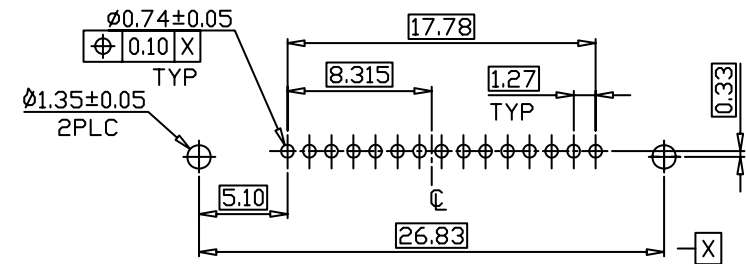


ISOMETRIC VIEW



RECOMMENDED PCB LAYOUT

**ELECTRICAL:**

CURRENT RATING: 1.5 A / Contact  
 VOLTAGE RATING: 100 VAC Max.  
 CONTACT RESISTANCE: 30 mΩ max.  
 DIELECTRIC WITHSTANDING VOLTAGE:  
 500 VAC for 1 min. (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: -20°C to 85°C

**HOW TO ORDER:**

W 3 1 0 - 1 5 0 2 - 0 1 X - Z

RoHS  
COMPLIANT

**SELECTIVE GOLD PLATING (CONTACT AREA)**

- 1 - 5 μ"
- 3 - 15 μ"
- 5 - 30 μ"

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	08/26/10
A	B.S.	S.M.	S.M.	01/28/15

**SMP TECHNOLOGY, INC.**

Serial ATA Connector; 15 Position Male ; Vertical ;Thru Hole Mount with

SCALE: N/A

Fork Board Lock

TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- 0.20 ANGLE +/-3° UNIT: mm

P/N: W310-1502-01X-Z