

**SPECIFICATIONS**

**Mechanical**

*Insertion Force: 45N max.  
Withdrawal Force: 10N min.  
Durability: 50 Cycles.*

**Electrical**

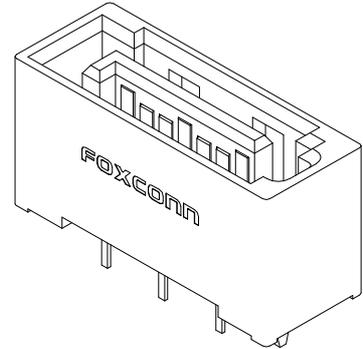
*Voltage Rating: 250V.  
Current Rating: 1.5A per pin min.  
Contact Resistance: 30mΩ max.  
Dielectric Withstanding Voltage: 500V AC.  
Insulation Resistance: 1000MΩ min.*

**Physical**

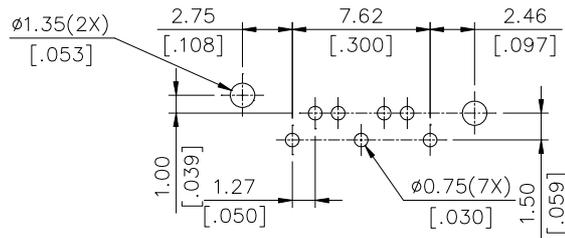
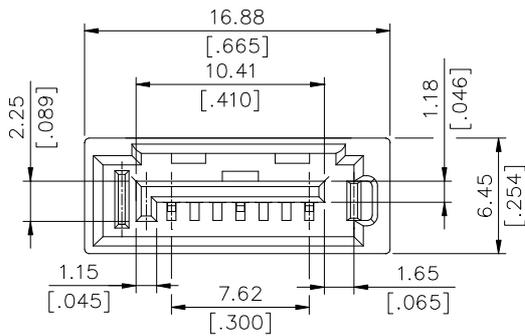
*Housing: Thermoplastic, UL 94V-0 rated in Black Color  
Contact: Copper alloy  
Plating: See "ORDERING INFORMATION"  
Board Lock: Copper alloy  
Operating Temperature: -55°C to +85°C*

**Serial ATA Connector**

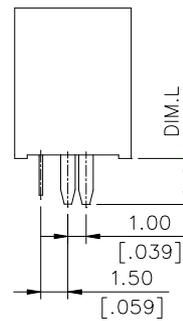
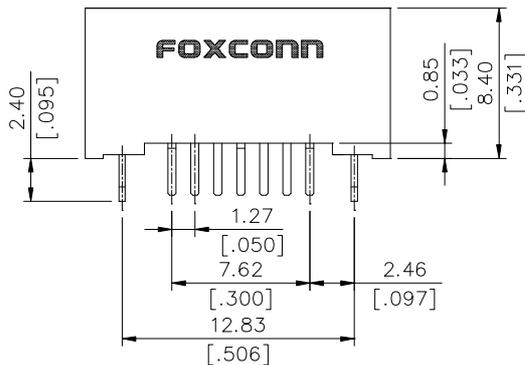
**LD Series  
Vertical, T/H Type  
Shrouded Plug  
1.27mm [.050"] Pitch  
7 Pos.**



**DRAWING**



RECOMMENDED P.C.B. LAYOUT



**ORDERING INFORMATION**

**PRODUCT NO.: LD 1807\* - S51\*\*\***

