

**SPECIFICATIONS**

**Mechanical**

*Insertion Force: 40N max.  
Withdrawal Force: 10N min.  
Durability: 2500 Cycles.*

**Electrical**

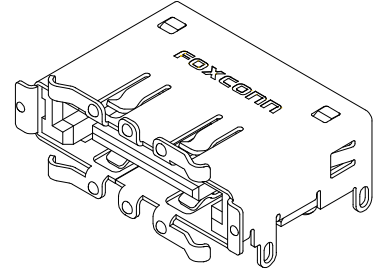
*Voltage Rating: 250V.  
Current Rating: 1.5A min. per pin  
Contact Resistance: 30 mΩ max. Δ15 mΩ max. after stress  
Dielectric Withstanding Voltage: 500V AC.  
Insulation Resistance: 1000MΩ min.*

**Physical**

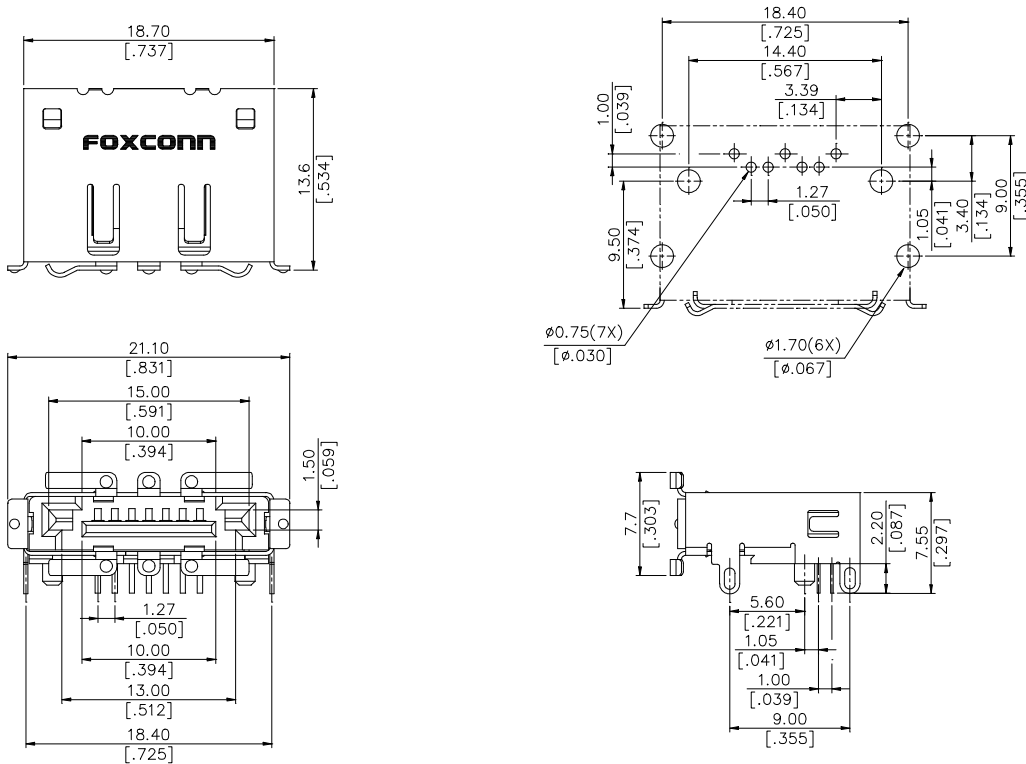
*Housing: Thermoplastic, UL 94V-0 rated in Red Color.  
Contact: Copper alloy  
Plating: See "ORDERING INFORMATION"  
Operating Temperature: -55°C to +105°C*

**S-ATA Connector**

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



**DRAWING**



**ORDERING INFORMATION**

PRODUCT NO. : LD 7 7 07 \* - S 6 1 \*

- S-ATA Series
- Mating End Type  
7=External
- Mounting End Type  
7 = T/H, R/A
- No. of Pos.  
07 = 7 Pos.
- Contact Area Plating  
F=Gold Flash With RoHS Compliance  
H=30u" Gold With RoHS Compliance  
V=15u" Gold With RoHS Compliance
- Material Specification  
7= PA6T, Color Orange(166U)  
V= PA6T, Color Black  
R= PA6T, Color Red(1807C)
- Modification Code
- Outer Shape  
6 = Shield
- S-ATA Specification  
S = S-ATA