

**SPECIFICATIONS**

**Mechanical**

**Insertion Force:** 45N max.  
**Withdrawal Force:** 10N min.  
**Retention Force:** 3N.  
**Durability:** 500 Cycles.

**Electrical**

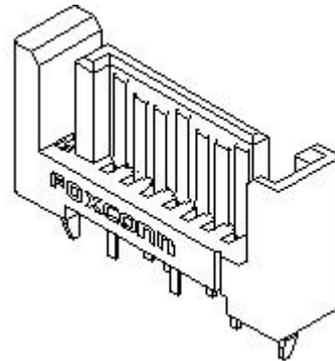
**Voltage Rating:** 250V.  
**Current Rating:** 1.5A per pin min.  
**Contact Resistance:** 30mW max.  
**Dielectric Withstanding Voltage:** 500V AC.  
**Insulation Resistance:** 1000MW min.

**Physical**

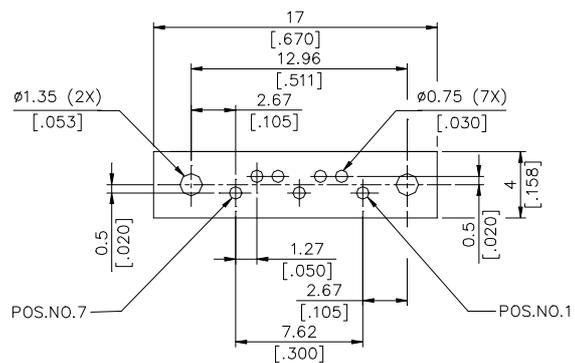
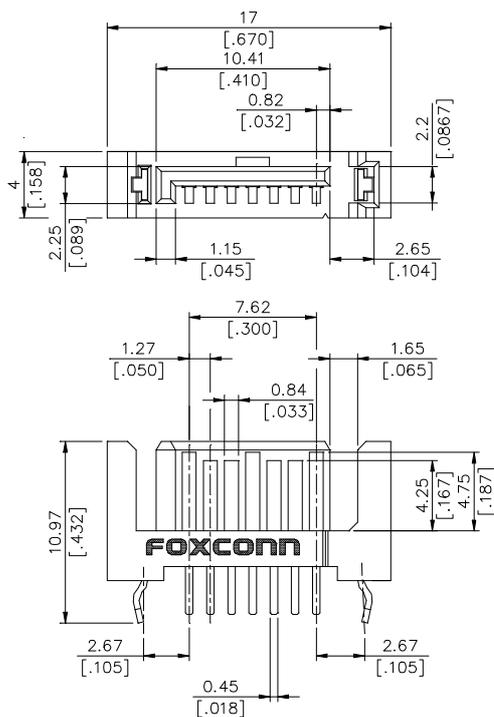
**Housing:** Thermoplastic, UL 94V-0 rated in Black Color  
**Contact:** Copper alloy  
**Plating:** See "ORDERING INFORMATION"  
**Operating Temperature:** -55 to +105

**S-ATA Connector**

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



**DRAWING**



RECOMMENDED P.C.B. LAYOUT

**ORDERING INFORMATION**

**PRODUCT NO.: LD 1 8 0 7 \*- S 1 6 P**

