

**SPECIFICATIONS**

**Mechanical**

**Mating Force:** 3.50Kg (7.71Lb) max.  
**Unmating Force:** 1.00Kg (2.20Lb) min.  
**Durability:** 1500 Cycles

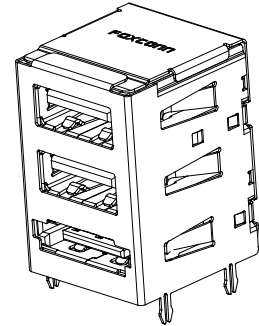
**Electrical**

**Current Rating:** 1.5A  
**Contact Resistance:** 30mΩ max.  
**Dielectric Withstanding Voltage:** 500V AC/1min min.  
**Insulation Resistance:** 1000MΩ min.

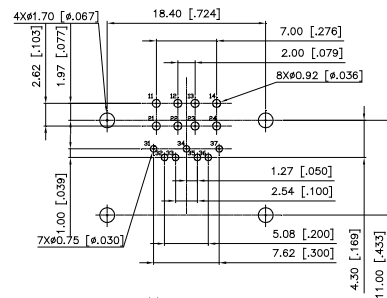
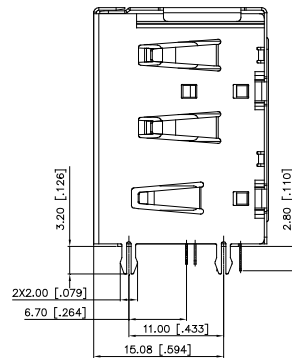
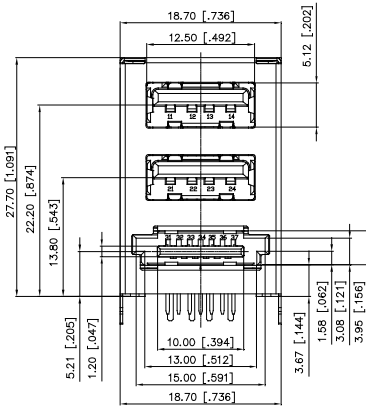
**Physical**

**Housing:** Thermoplastic, UL 94V-0 rated  
**Contact and Shell:** Copper alloy  
**Plating:** See "ORDERING INFORMATION"  
**Operating Temperature:** -55°C to +85°C

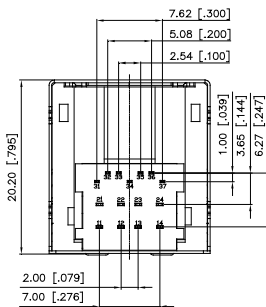
**UB + SATA Series**  
**Right Angle, T/H**  
**USB:4 Pos.**  
**SATA:7 POS**



**DRAWING**



RECOMMENDED PCB LAYOUT  
(TOP VIEW)



**PIN ASSIGNMENT**

USB		SATA	
CONTACT NO.	SIGNAL NAME	CONTACT NO.	SIGNAL NAME
11	VBUS	31	GND
12	D-	32	B+
13	D+	33	B-
14	GND	34	GND
21	VBUS	35	A-
22	D-	36	A+
23	D+	37	GND
24	GND		

**ORDERING INFORMATION**

PRODUCT NO.: **UB 1 1 1 9 3 - ZFH2 - 4F**

USB Series: UB  
 USB A Type: 1  
 Termination Type: 1=RIGHT ANGLE  
 Contact Design Type: 1=Female Contact  
 No. of Pos: 1= 4 Pos.

4=Soft Tray  
 F=Lead Free  
 Modification Code: ZFH2  
 Contact Area Plated: 3=30μ Gold  
 Profile Height: 9=SPECIAL