

Pin Number	Signal Name
S1	GND
S2	RX+
S3	RX-
S4	GND
S5	TX-
S6	TX+
S7	GND

Pin Number	Power Line Designation
P1	+3.3V
P2	+3.3V
P3	GND
P4	GND
P5	+5.5V
P6	+5.5V
P7	DAS/DSS
P8	Optional
P9	Optional

NOTES:

*Material

Housing: LCP, UL 94V-0 rated, Color: Black;
Contact: Phosphor Brass;
Plating: Gold plating over Nickel on contact area; Tin plating on solder tail.

*Mechanical

Insertion Force: 45N max.
Withdrawal Force: 10N min.
Durability: 500 cycles

*Electrical Specification

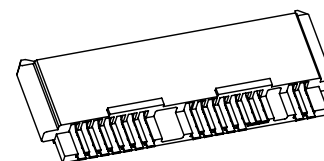
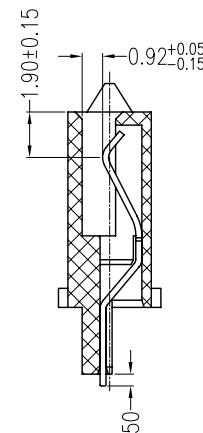
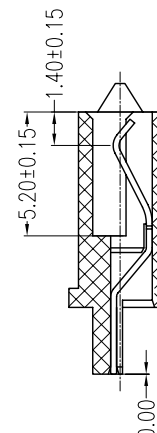
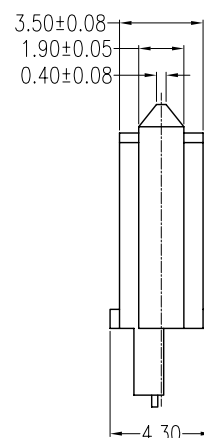
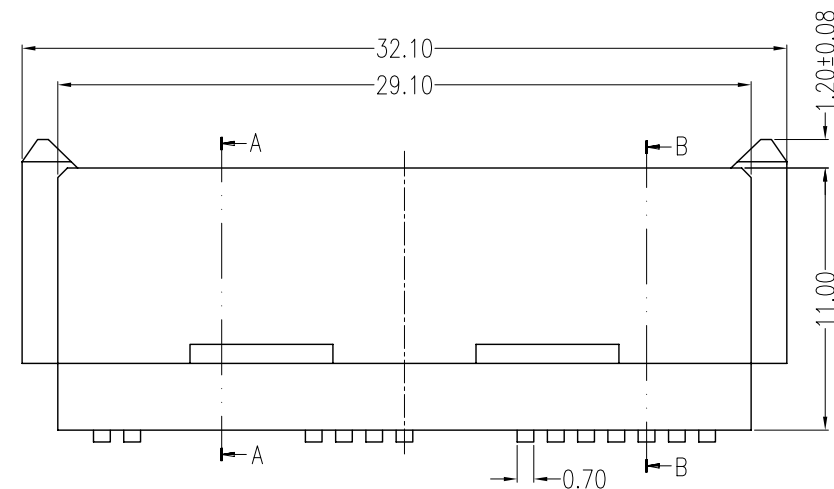
Current Rating: 1.5 Ampere per contact;
Contact Resistance: 30 Milliohms max.
Insulation Resistance: 1000 megohms min.
Dielectric Withstanding Voltage: 500 V AC.

*Environmental

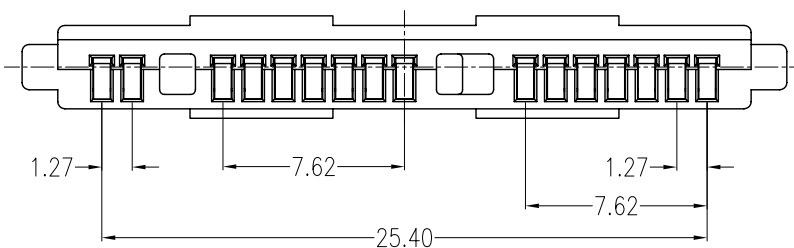
Operating Temperature: -55°C to +85°C

*How to Order:

Series No. WATU-16 D 6 L 1 P U 3
NO. of Contacts
Selective Gold: A:Flash, D:15u" F:30u"
3: Tray
U: Lead Free
P: Phosphor Brass
1: Black
L: LCP
6: Solder



Product 3D



REV														
Units	mm	Scale	3:1	Drawing By		Data		Wellco T&C Co., Ltd.						
Tolerance Unless Otherwise Specified				Reviewed By		Data								
.X ~ ±0.38				Approval By		Data		Date			Title	Micro SATA 7+7+2P Female(Solder)		
.XX ~ ±0.25														
.XXX ~ ±0.20														
Angle ~ ± 3°								Third Angle Projection						
										Drawing No.		REV		