

**ROHS COMPLIANT**

# D-SUB FEMALE STRAIGHT WATERPROOF TYPE

## ELECTRICAL CHARACTERISTICS

Contact Current Rating: 5 Amperes.  
 Dielectric Withstanding.  
 Dielectric Withstanding Voltage: AC 1000Vr. m. s.  
 Insulation Resistance: 500 Megohms Minimum at DC500V.  
 Contact Resistance: 25 Milliohms Maximum.  
 Operating Temperature: -55°C ~ 105°C.

## MATERIALS:

Contacts: Brass.  
 Insulator: PBT, UL94V-0 Rated.  
 Shell: Cold Rolled Steel.  
 Metal Watertight Frame: PBT, UL94V-0.  
 O-Ring: Silicone.

## NOTE:

Position: 09PIN, 15PIN, 25PIN, 37PIN.

## Ordering Code:

WDP01 - F - XX - XX - X - X - 00

① ② ③ ④ ⑤ ⑥

① Series

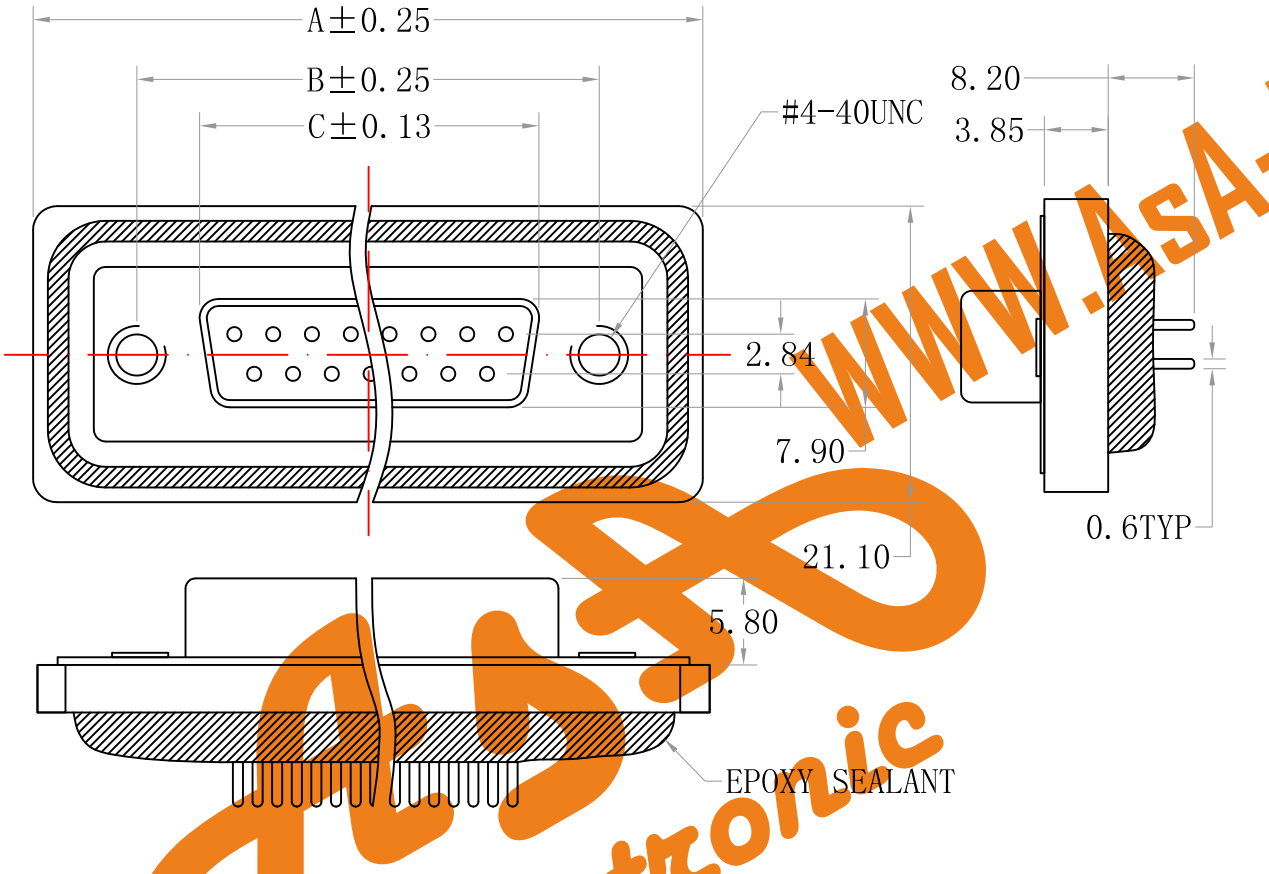
② Contact Type:  
M: Male F: Female

③ Pin Number:  
09 - 09PIN 15 - 09PIN  
25 - 09PIN 37 - 09PIN

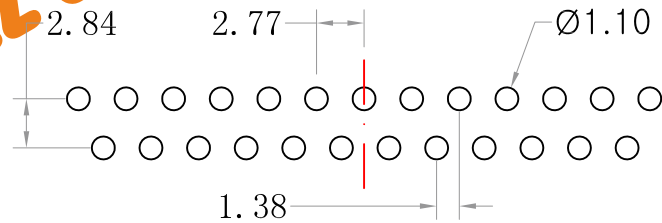
④ Contact NO. :  
G0: Gold flash G1: 3u" Gold  
G2: 5u" Gold G3: 10u" Gold  
G4: 15u" Gold G5: 30u" Gold

⑤ Insulation Color Code:  
B: Black L: Blue  
W: White

⑥ Locked Type:  
B: Rivet #4-40  
C: Rivet & Rack Screw Attached  
D: Rivet & Jack Screw Insert



position	A	B	C
09pin	39.50	25.00	16.30
15pin	48.00	33.30	24.60
25pin	61.50	47.05	38.40
37pin	77.80	63.50	54.80



PCB Layout

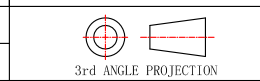
Unless Otherwise specified tolerance  
 X: ±0.35  
 X.X: ±0.25  
 X.XX: ±0.20  
 X.XXX: ±0.15

SCALE: 2:1 UNIT: mm

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DRAWN: junfon H  
 CHECKED: YANG

TITLE:  
 D-SUB FEMALE STRAIGHT WATERPROOF TYPE



DRAWING NO: WDP01-FXXXXXX  
 PRODUCT NO: WDP01-FXXXXXX

REV	DESCRIPTION	DATE
1	Add option of plating	12/8/1