



Technical data

- 1.Nominal voltage: 300V/7A  
PITCH:5.0mm
- 2.Connection capacity:  
Sol 24-16AWG / Str 24-18AWG
3. Insulation Withstanding Voltage:  
AC 1600V/MIN
4. Insulation Resistance:  
1000MΩ or more at DC500V
- 5.Stripping length: 7-8mm
- 6.Using temperature range:-40°C ~115°C
- 7.Insertion force: 100-1000g/pole,  
withdrawl force: 100-550g/pole,  
mating pin φ1.10mm (WA-03 SERIES)
- 8.Undimentioned Tolerances:

Dim L=Px5.0+1.0	Dim B	Dim L
Dim B= P-1 X5.0	±0.15	±0.20
P= number of poles	over 30mm-60mm	±0.25
	over 60mm-90mm	±0.30
	over 90mm	±0.40

9.RoHS Compliance

10.Critical dimension:

WAA02500 xx X 000  
 ① Poles 02-24  
 ② Color  
 0 Black 8 Grey(RAL 7022) .....

ITEM	NAME OF PART	MATERIAL	NOTES
6	Wire Retention Spring	Stainless Steel	
5	Contact Block	PHBZ, Tin Plated	t=0.40mm, Tin Plated
4	LEVEL	PA66 UL94V-0	ALL COLOR
3	END COVER	PA66 UL94V-0	ALL COLOR
2	MIDDLE BODY	PA66 UL94V-0	ALL COLOR
1	SIDE BODY	PA66 UL94V-0	ALL COLOR

DWG. WF. Zhang	DATE	2018.09.10	UNITS:	MM	SHEET:	1 OF 1	Tolerance
CHK. WF. Zhang	DATE	2019.06.05	SCALE:	NONE 2:1 ( : )	REV.:	A	±0.50
APP.	DATE		TITLE:	WA-02500 Series PLUG			
			PART NO.:	WAA02500XXXX000			
			DWG NO.:	WA-02500-B101			
							±0.30
							±0.10
							±1 <sup>o</sup>

REV	SIGN	DESCRIPTION	CHK.	DATE

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