



SIGN	DATE	DESCRIPTION	APPROVER
△	4/01'09	Current, wire range, torque, safety approval are changed	Jody
△	11/17'09	Wire guard solder pin is changed from Brass to Copper	Aaron
△	04/04'11	Add is spec.	Chen Bo

*THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!*

**Material:**

- Item 1 Terminal housing :Thermoplastic (UL 94V-0)
- Item 2 Coamp : Steel stamping , Zinc plated
- △ ● Item 3 Wire guard solder pin : Copper ,Tin plated
- Item 4 Terminal screw: Steel Zinc plating"- "slot type

- Electrical cULs IEC
- Voltage rating : 600V 1000V
  - △ ● Current rating : 65A 76A
  - Wire range : 16.00mm<sup>2</sup>
  - Solid wire (AWG) : 6-20
  - Stranded wire (AWG) : 6-20
  - △ ● Torque (LB-In.) : 19LB-In
  - Screw : M4.5
  - Wire strip length : 10-11mm
  - Withstanding voltage : 2.2KV 6KV
  - Operating temperature : -40°C+115°C
  - Soldering temperature : 250°C+10°C/5 Sec
  - Safety Approval : US

**VP xx 85 x 7 xxxx G**

RoHS  
Pb<40,000ppm

NO of poles  
02 2 CONTACTS 0: Black  
03 3 CONTACTS 5: Green (RAL 6018/T)  
... .. 6: Blue  
12 12 CONTACTS 8: Grey (RAL 7035/D)

0000 Standard @ Logo  
000A Standard ANY Logo  
Any special item by customer request, please contact sales department.

Poles	02	03	04	05	06	07	08	09	10	11	12
Dim L	25.40	38.10	50.80	63.50	76.20	88.90	101.60	114.30	127.0	139.70	152.40
Dim B	12.70	25.40	38.10	50.80	63.50	76.20	88.90	101.60	114.30	127.0	139.70
TOL	±0.15			±0.20			±0.30				

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TITLE		VP 12.70 Series ( Double tail 0.9x1.0 ) Contacts Pin Pitch 4.0mm					
PART NO.		VPxx85x7xxxxG			DWG NO.		8VP0105
APPROVED		CHECKED		DESIGNED		DRAWN	
						Chen Bo 2011.04.04	
						CUST NO.	
						Tolerance	
						X. ±0.50	
						X.X ±0.30	
						X.XX ±0.10	
						X° ±1°	
						UNIT: mm	
						SCALE: NONE	
						SHEET: 01/01	
						REV.: E	