



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

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

**Material:**

- Item 1 Terminal housing :Thermoplastic (UL 94V-0)
- Item 2 Clamp : 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 : 300V 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 / 1.2N.m
- Screw : M4.5
- Wire strip length : 10-11mm
- △ ● Withstanding voltage : 1.6KV 6KV
- Operating temperature : -40°C+115°C
- Soldering temperature : 250°C+10°C/5 Sec
- △ ● Safety Approval : cULus

**VP xx 85 x 5 xxxx G**

02 2 CONTACTS 0: Black 0000 Standard @ Logo RoHS  
 03 3 CONTACTS 5: Green (RAL 6018/T) 000A Standard ANY Logo Pb<40,000ppm  
 ... .. 6: Blue Any special item by  
 12 12 CONTACTS 8: Grey (RAL 7035/D) 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	17.78	30.48	43.18	55.88	68.58	81.28	93.98	106.68	119.38	132.08	144.78	
TOL	±0.20				±0.30				±0.40			

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TITLE		VP 12.70 Series ( Double tail ) Contacts Pin Pitch 5.08mm					
PART NO.		VPxx85x5xxxxG			DWG NO.		8VP0101
APPROVED		CHECKED		DESIGNED		DRAWN	
		Aaron 2009.11.17		Aaron 2009.11.17		CUST NO.	
						Tolerance	
						X. ±0.50	
						X.X ±0.30	
						X.XX ±0.10	
						X° ±1°	
				SHEET: 01/01		REV.: D	