



N = Number of poles

Dim A = $N \times 3.81 + 1.39$

Dim B = $(N - 1) \times 3.81$

Dim C = $N \times 3.81 + 5.19$

Dim D = $N \times 3.81 + 10.39$

	Dim A	Dim B	Dim C	Dim D
2-6p	±0.15	±0.15	±0.15	±0.15
7-12p	±0.20	±0.20	±0.20	±0.20
13-18p	±0.30	±0.30	±0.30	±0.30
19-24p	±0.35	±0.35	±0.35	±0.35

SIGN	DATE	DESCRIPTION	APPROVER
△	2009.09.09	The part No is changed	Jacke
△	2009.11.13	The design is changed from the round hole to hexagonal hole	Jacke
△	2011.02.25	The wire is changed from 14-30(AWG) to 14-28(AWG)	Aaron
△	2011.02.25	Add is cULus	Aaron
△	2012.04.07	Change the structure of nut and add the glue process	Venter
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

Material:

- Item a Clamp: Brass Ni plated
- Item b Male contact pin: Brass, Tin plated.
- Item c Terminal screw: Steel, Zinc plated
- Item d With flange nut: Brass M2.5
- Item e Terminal housing: Thermoplastic (UL94V-0)
- Item f Terminal cover: Thermoplastic (UL94V-0)

Electrical: cULus

- Voltage rating: 300V
- Current rating: 8A
- Wire range:
- Solid wire(AWG): 14-28
- Stranded wire(AWG): 14-28
- Torque(Lb-In): 2.17
- Screw: M2
- Wire strip length: 6 mm
- Withstanding Voltage: 1.6KV
- Operating temperature: -40°C to +115°C

△ Safety Approval: cULus

V5 xx 31 x 1 xxxx G

No. OF POLES
02 2 CONTACTS
03 3 CONTACTS
...
24 24 CONTACTS

Color
0 Black (RAL9005)
2 Red (RAL3001/D)
3 Orange (RAL2011/P)
4 Yellow (RAL1018/A)
5 Green (RAL6018/T)
6 Blue (RAL5015/A)
8 Grey (RAL7035/D)
9 White (RAL1102)
C Green (RAL6018/U)

G RoHS compliant (lead < 4%)
In copper Alloy
0000: "@" Logo (Standard)
000A: "ANYTEK" Mark
Any special item by customer request, please contact sales department.

ANYTEK

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TITLE	V5 3.81 mm W/ Flange Bottom cover fixed type Series						
PART NO.	V5xx31x1xxxxG △			DWG NO.	8V50103		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance		
		Venter 2012.04.07	Venter 2012.04.07		X. ±0.50		
					X.X ±0.30		
					X.XX ±0.10		
					X° ±1°		
					UNIT: mm		
					SCALE: NONE		
					SHEET: 01/01		
					REV.: F		

Mouser Electronics

Authorized Distributor

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Amphenol:

<u>V50231510000G</u>	<u>V50331510000G</u>	<u>V50431510000G</u>	<u>V50531510000G</u>	<u>V50631510000G</u>	<u>V50731510000G</u>
<u>V50831510000G</u>	<u>V50931510000G</u>	<u>V51031510000G</u>	<u>V51131510000G</u>	<u>V51231510000G</u>	<u>V51331510000G</u>
<u>V51431510000G</u>	<u>V51531510000G</u>	<u>V51631510000G</u>	<u>V51731510000G</u>	<u>V51831510000G</u>	<u>V51931510000G</u>
<u>V52031510000G</u>	<u>V52131510000G</u>	<u>V52231510000G</u>	<u>V52331510000G</u>	<u>V52431510000G</u>	