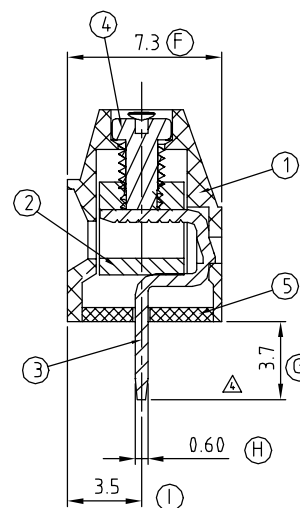
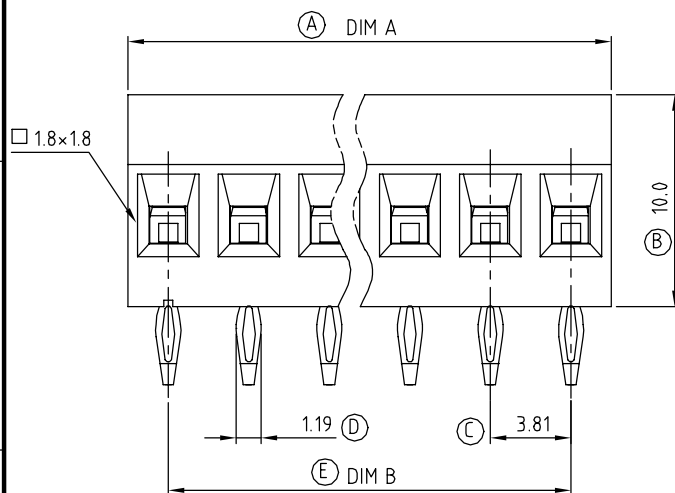


N= Number of Contacts

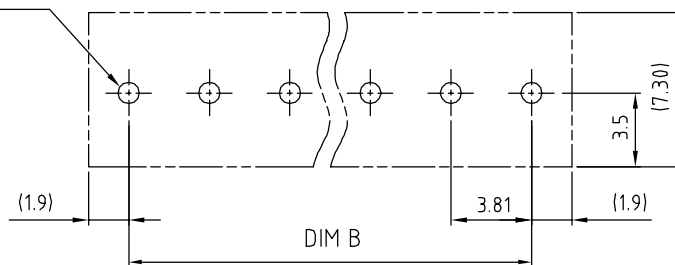
DIM A	N×3.81
DIM B	(N-1)×3.81

2p-6p	±0.15
7p-12p	±0.25
13p-19p	±0.35
20p-24p	±0.40



SECTION A-A

Diameter of metal-plated hole: $\phi 1.0 \pm 0.05$



P.C.B. LAYOUT

SIGN	DATE	DESCRIPTION	APPROVER
△	01/30'07	Soldering temperature changed from 245° to 250°	Tason
△	01/30'07	Part NO is Changed	Tason
△	07/02'09	Operating temperature changed from -30°C to +105°C to -40°C to +115°C	Aaron
△	07/02'09	dimension is changed from 3.5mm to 3.7mm	Aaron
△	02/25'11	Add is cULus	Aaron

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

Material:

- Item 1 Terminal housing :Thermoplastic (UL 94V-0)
- Item 2 Clamp : Brass, Ni plated
- Item 3 Wire guard solder pin : Brass, Tin plated
- Item 4 Terminal screw: Steel Zinc plating"-slot type
- Item 5 Terminal housing(cover):Thermoplastic (UL 94V-0)

Electrical: cULus

- Voltage rating: 300V
- Current rating: 10A
- Wire range:
- Solid wire(AWG): 16-30
- Stranded wire(AWG): 16-30
- Torque: 1.7 Lb-In
- Diameter of metal - plated hole : $\phi 1.0$
- Screw: M2
- Wire strip length: 5-6mm
- Withstanding Voltage: 1.6 KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 250°C±10°C/5 Sec
- Safety Approval:



△ VQ xx 31 x 1 xxxx G

No. of poles	0 Black (RAL9005)	0000:"@Logo (Standard)
02 2 CONTACTS	5 Green(RAL6018/T)	000A:"ANYTEK"Logo
03 3 CONTACTS	6 Blue (RAL5015/A)	Any special item by
... ..	8 Grey(RAL7035/D)	customer request,
24 24 CONTACTS	0 Green(RAL6018/U)	please contact sales
		department.

RoHS

Pb<40,000ppm

ANYTEK

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TITLE		VQ 3.81 Press fit Series (With cover)				PART NO. 8VQ0006			
PART NO.		VQxx31x1xxxxG				DWG NO.		8VQ0006	
APPROVED		CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance		
			Aaron 2011.02.25	Aaron 2009.07.02			UNIT: mm	X.	±0.50
							SCALE: NONE	X.X	±0.30
					SHEET: 01/01		REV: D	X.XX	±0.10
								X°	±1°

Mouser Electronics

Authorized Distributor

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Amphenol:

[VQ0231510000G](#) [VQ0331510000G](#) [VQ0431510000G](#) [VQ0531510000G](#) [VQ0631510000G](#) [VQ0731510000G](#)
[VQ0831510000G](#) [VQ0931510000G](#) [VQ1031510000G](#) [VQ1131510000G](#) [VQ1231510000G](#) [VQ1331510000G](#)
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