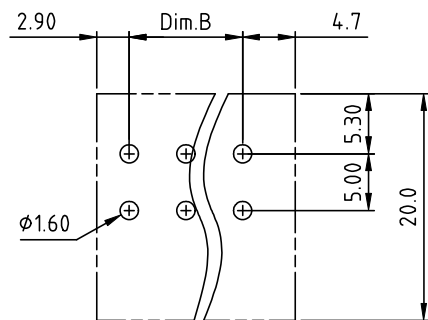
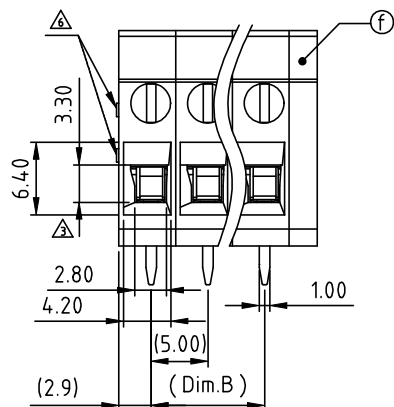
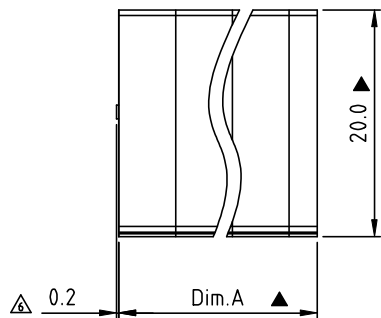


RoHS Compliant



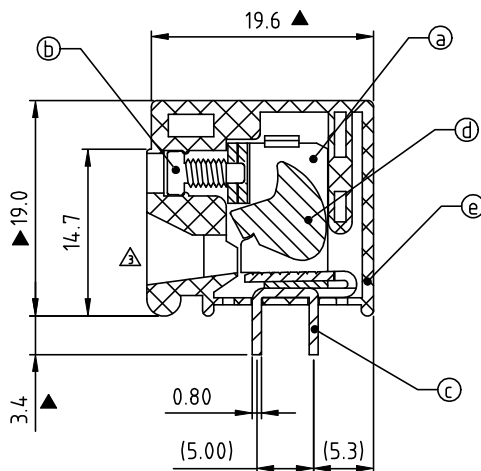
P.C.B LAYOUT
TOP VIEW

N = Number of poles

Dim A=N×5.0+2.5

Dim B=(N-1)×5.0

Pole	Dim A
1P	±0.15
2-6p	±0.20
7-12p	±0.25
13-18p	±0.35
19-24p	±0.40



REV	SIGN	DATE	DESCRIPTION	APPROVER
D	△	11.01'05	Standard spec is changed.	Marivn
E	△	02/01'07	Soldering temperature is changed from 245°C to 250°C	Marivn
E1	△	03/29'10	The wire inlet is changed.	Tason
F	△	10/22'13	Update the drawing	Guoxue
G	△	2018.04.18	Through TUV certification and Update the drawing	Zia
H	△	2018.07.10	Add two cylinder	Chen Bo
I	△	2025.06.16	Add the color	Guoxue

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

Material ● Item ① Terminal body(metal housing): steel, stamped Zinc plated.

● Item ② Terminal screw: Steel, Zinc plated “-” slot type

● Item ③ Contacts: Brass, Tin plated

● Item ④ Firm wire chunk: steel, Zinc plated

● Item ⑤ Insulator (housing): NL66 (UL94V-0)

● Item ⑥ Insulator (housing): NL66 (UL94V-0)

△ △ Electrical cULus TUV

● Voltage rating: 300V

300V

● Current rating: 20A

32A

● Wire range:

0.34-4.0mm²

● Solid wire(AWG): 12-22

● Stranded wire(AWG): 12-22

● Torque(Lb-In): 2.4

● Screw: M2.5

● Wire strip length: 10-11mm

● Withstanding Voltage: 1.6KV 2.5KV

△ ● Operating temperature: -40°C to +115°C

△ △ ● Wave soldering temperature: 260°C±5°C/5 Sec

△ △ ● Safety Approval: cULus TUV

● Critical dimension:

● Reference dimension: (×) The dimensions of pitch are just for reference, take the actual assembly result as a judgment when inserting the terminal block into the PCB hole.

TR xx 05 x 1 xxxx G

		COLOR		
01 1Pole	0 Black (RAL9005)	0000: “@” Logo	G RoHS compliant	
02 2Poles	2 Red (RAL3001/D)	000A: “ANYTEK” Logo	(lead<4%)	
... ..	3 Orange(RAL2011/P)	Any special item by	In copper Alloy	
24 24Poles	4 Yellow(RAL1018/A)	customer request.		
	5 Green(RAL6018/T)	please contact sales		
	6 Blue (RAL5015/A)	department.		
	8 Grey(RAL7035/D)			
	△ 9 White(RAL1102)			
	C Green(RAL 6018/U)			

Amphenol
ANYTEK

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TITLE	TR 5.0 Series Horizontal (180D wire inlet)						
PART NO.	TRxx05x1xxxxG			DWG NO.	8TR0001		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.			Tolerance
		Guoxue 2025.06.16	Guoxue 2025.06.16		UNIT: mm		X. ±0.50
					SCALE: NONE		X.X ±0.30
							X.XX ±0.10
				SHEET: 01/01	REV.: I		X° ±1°