

NOTES:

Current Rating:8A
Voltage Rating:300V
Contact Resistance:8milliohm Max
Withstand Voltage:AC 1500V
Insulation Resistance:1000Megohm Min
Operation Temperature:-40℃ to +105℃

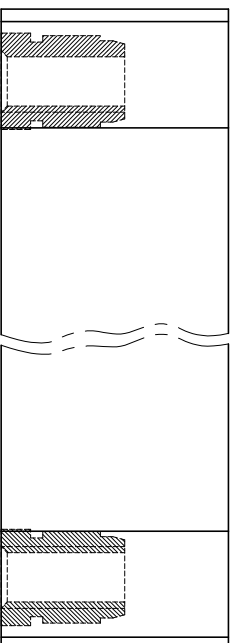
Housing Material:PA66+30%GF (UL94V-0) $\Delta 2$
Contact Material:Brass
Inlay Material:Brass

Ordering Information:

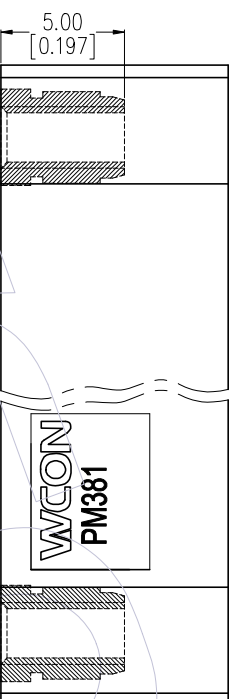
P M 381 - 1 RXX A SM 2 N $\Delta 5$
M=Male No. of Pins 02-20P Color A=Green Series No.
Pitch 381=3.81 Contact Plated Blank=W/T WCON
SM=Matte Tin N=W/O WCON

ITEM	Pitch	Mating
Standard	3.81	PT381
Alternate		

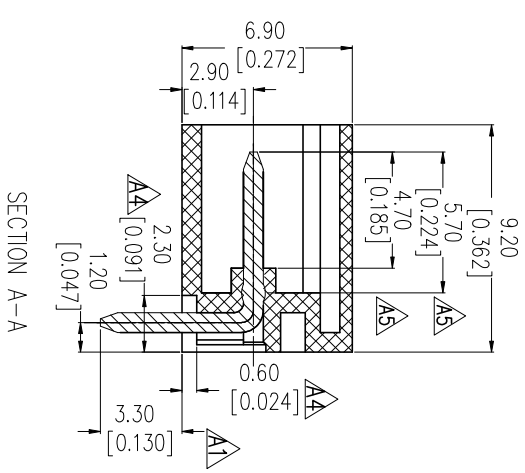
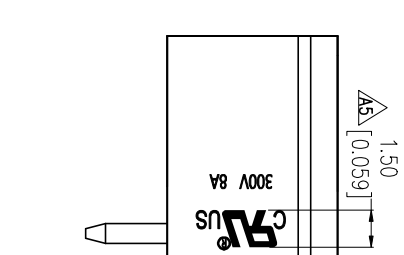
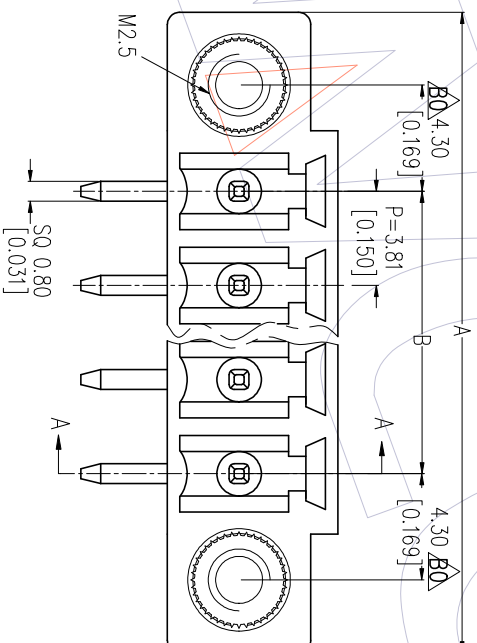
11P	51.90±0.30	38.10±0.30			
10P	48.09±0.30	34.29±0.30	20P	86.19±0.40	72.39±0.40
9P	44.28±0.30	30.48±0.30	19P	82.38±0.40	68.58±0.40
8P	40.47±0.30	26.67±0.30	18P	78.57±0.40	64.77±0.40
7P	36.66±0.20	22.86±0.20	17P	74.76±0.40	60.96±0.40
6P	32.85±0.20	19.05±0.20	16P	70.95±0.40	57.15±0.40
5P	29.04±0.20	15.24±0.20	15P	67.14±0.40	53.34±0.40
4P	25.23±0.20	11.43±0.20	14P	63.33±0.30	49.53±0.30
3P	21.42±0.20	7.62±0.20	13P	59.52±0.30	45.72±0.30
2P	17.61±0.20	3.81±0.10	12P	55.71±0.30	41.91±0.30
位数	A	B	位数	A	B



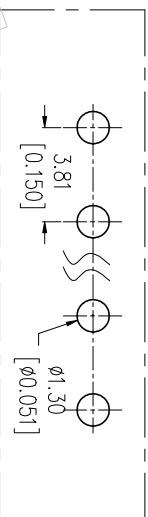
$\Delta 5$
W/O WCON



W/T WCON



SECTION A-A



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

B0	2023/12/13	Correct DIM	$\Delta 5$	CP	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	TITLE: 3.81mm Pitch Male Pluggable Terminal Blocks Customer NO.	WCN-Dongguan Http: www.wcn.com WCN-Kunshan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sdies@wcn.com
A5	2020/11/12	Add UL Logo & DIM; Add W/O WCON SPEC&P/N	$\Delta 5$	XSR	X.X ±0.40	CP	2023/12/13	UNIT	mm	PM381-1RXXASM2(N)		
A4	2018/03/12	Modify	$\Delta 4$	XSR	X.XX ±0.25	CHECK	DATE	SIZE	A4			
A0	2012/05/16	NEW	—	—	X.XXX ±0.15	APPROVE	DATE	SHEET	1/1			
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	Angle ± 3°	TOL.		PROJ.				

WCN