

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) Δ A3
Contact Material: Brass

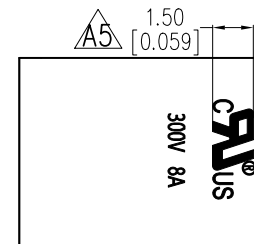
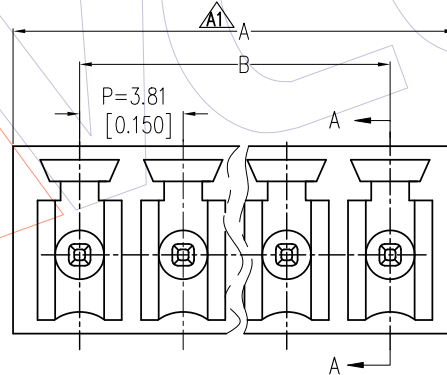
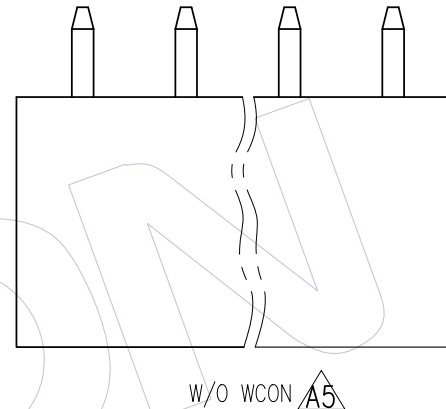
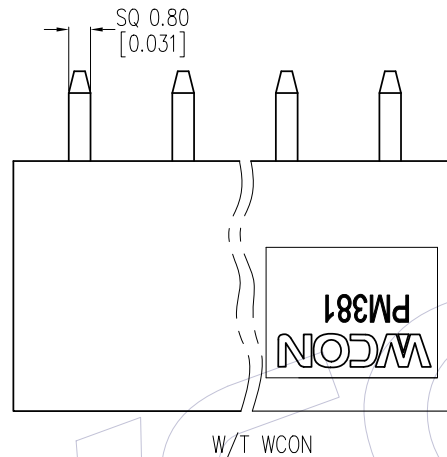
Ordering Information:

P M 381 - 1 S XX A SM 1 N Δ A5

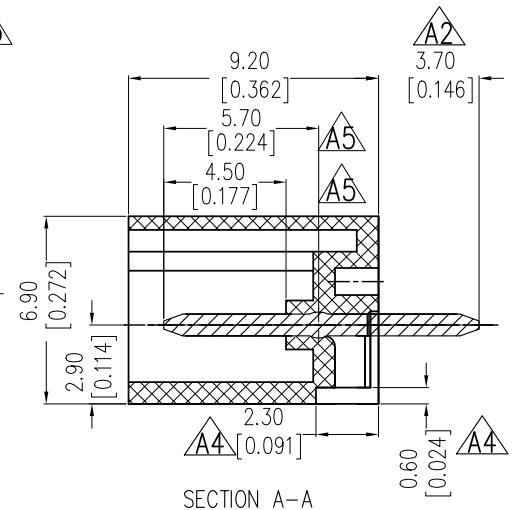
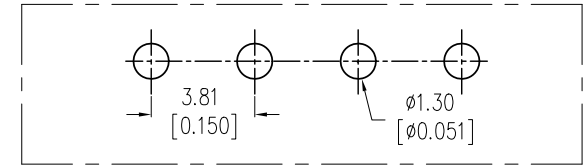
M=Male
Pitch
381=3.81
No. of Pins
02-20P
Color
A=Green
Contact Plated
SM=Matte Tin | N=W/O WCON
Blank=W/T WCON
Series No.

ITEM	Pitch	Mating
Standard	3.81	PF381
Alternate		

11P	43.30±0.20	38.10±0.20		
10P	39.49±0.20	34.29±0.20	20P	77.59±0.30 72.39±0.30
9P	35.68±0.20	30.48±0.20	19P	73.78±0.30 68.58±0.30
8P	31.87±0.15	26.67±0.15	18P	69.97±0.30 64.77±0.30
7P	28.06±0.15	22.86±0.15	17P	66.16±0.30 60.96±0.30
6P	24.25±0.15	19.05±0.15	16P	62.35±0.30 57.15±0.30
5P	20.44±0.15	15.24±0.15	15P	58.54±0.30 53.34±0.30
4P	16.63±0.15	11.43±0.15	14P	54.73±0.20 49.53±0.20
3P	12.82±0.15	7.62±0.15	13P	50.92±0.20 45.72±0.20
2P	9.01±0.15	3.81±0.10	12P	47.11±0.20 41.91±0.20
PINS	A	B	PINS	A B



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



A5	2020/11/14	Add UL Logo & DIM; Add W/O WCON SPEC&P/N Δ A5	XSR	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
A4	2018/03/12	Modify Δ A4	XSR	X.X ±0.40	XSR	2020/11/14	UNIT	mm	PM381-1SXXASM1(N) Δ A5
A3	2013/06/05	Modify The Housing Material Δ A3		X.XX ±0.25	CHECK	DATE	SIZE	inch	TITLE:
A0	2012/05/15	NEW		X.XXX ±0.15			SHEET	1/1	3.81mm Pitch Male
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	APPROVE	DATE	PROJ.		Pluggable Terminal Blocks
				DIM TOL					Customer NO.

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