

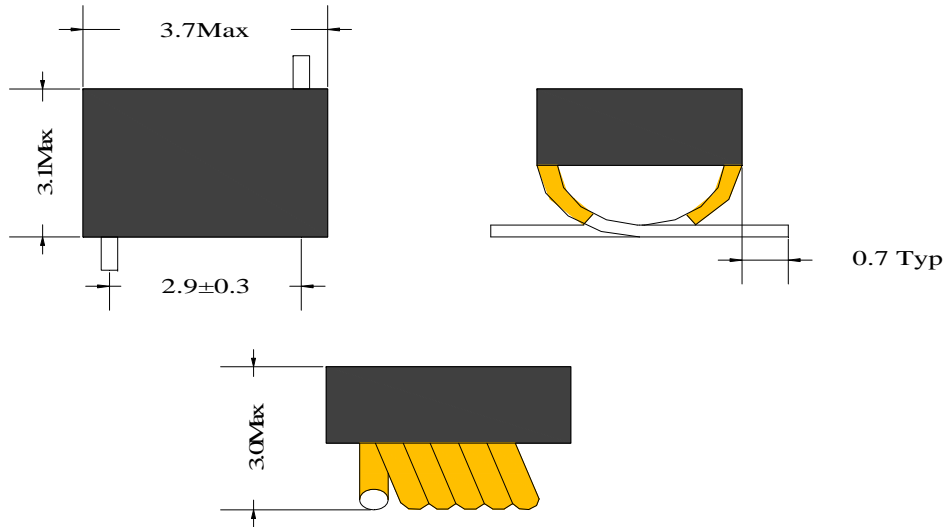


**SMD Air Coil Inductor
PSAC0403 Series**

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Part Code	Date	Production	Type	Vers	Page
PSAC0403-Series	2018/11/5	Tom	DIP	A001	1

1. Dimensions: [mm]



4. General Properties:

It is recommended that the temperature of the component does not exceed +125°C under worst case conditions.

Storage Temperature: -20 °C up to +60 °C

Operating Temperature: -40 °C up to +125 °C

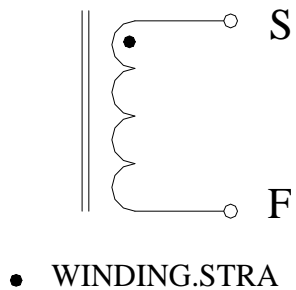
Temperature Rise < 55K.

Test conditions of Electrical Properties: +20°C, 33% RH if not specified differently.

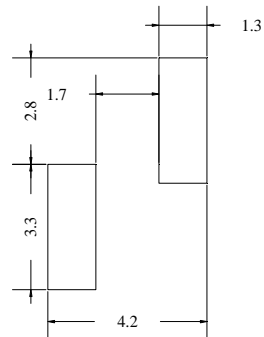
5. Electrical Properties:

Part Code	Inductance	Tolerance	DCR	SRF	Rated Current
	nH	5% 10%	MΩ (Max)	MHz (Min)	A (Max)
PSAC0403-2N5K	2.5	K	1.1	12500 (REF)	4.0
PSAC0403-2N6K	5.0	K	1.8	6500 (REF)	4.0
PSAC0403-2N7K	8.0	K	2.6	5000 (REF)	4.0
PSAC0403-2N8J	12.5	J	3.4	3300 (REF)	4.0
PSAC0403-2N9J	18.5	J	3.9	2500 (REF)	4.0

2. Schematic:



3. PCB Layout Ref(mm)



Test frequency: 150MHz