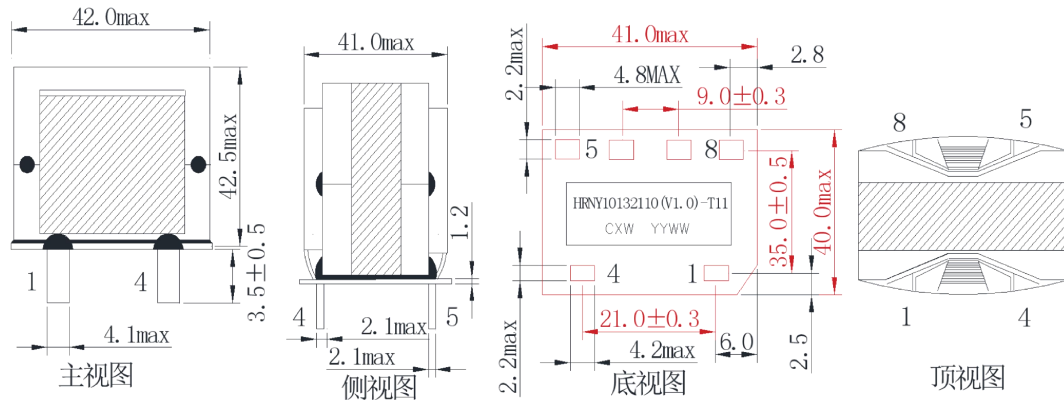


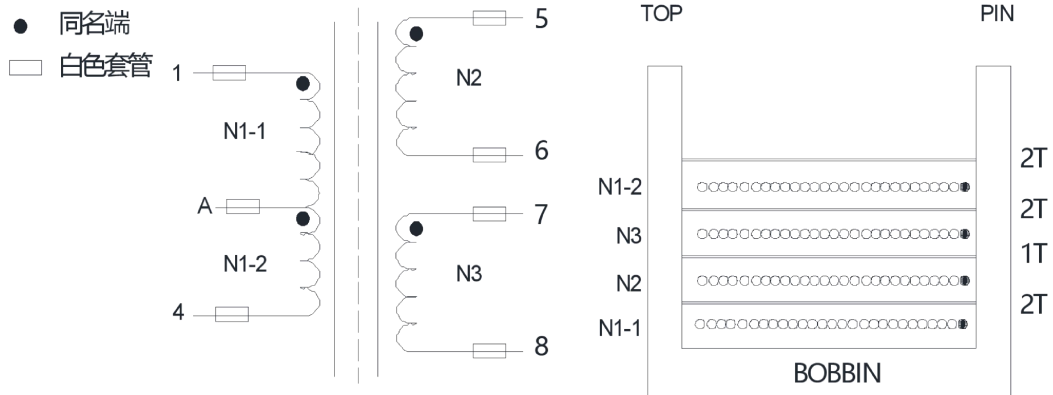
PQ4040 Specification document

1. OUTLINE DIMENSION: (UNIT:mm)



2. SCHEMATIC:

3. WINDING CONSTRUCTION:



4. WINDING CONSTRUCTION:

Process	Barricade tape		Phase	Wire diameter/number of strands	Number of turns	Tape 30mm	Insulating sleeve		Remark
	PIN	TOP					Starting	ending	
N1-1	/	/	1--A	0.1mm*320P*1C (2UE W Membrane wrapped wire)	8TS	2TS	✓	✓	Wrap around 1 layer each
N2	/	/	5--6	0.1mm*450P*1C (2UE W Membrane wrapped wire)	7TS	1TS	✓	✓	Wrap around 1 layer each
N3	/	/	7--8	0.1mm*450P*1C (2UE W Membrane wrapped wire)	7TS	2TS	✓	✓	Wrap around 1 layer each
N1-2	/	/	A--4	0.1mm*320P*1C (2UE W Membrane wrapped wire)	7TS	2TS	✓	✓	Wrap around 1 layer each

5. ELECTRICAL CHARACTERISTICS:				
1). Inductance:: L (1--4) : 65uH±8% (1KHz, 0.3V)				
LK (1-4) :1uH max (1KHz0.3V)				
2). Hi-Pot Test:AC50/60Hz (CS2670AX)				
PRI/ :SEC: 3000VAC/1mA/60S				
PRI/SEC :CORE: 2000VAC/1mA/60S				
6. Material List				
Number	Name	Specification and Material	Certification	Temperature characteristics
1	Magnetic core	PQ4040-PC95	N/A	
2	Copper wire	xUEW/155, QA-x/155	E239508	155℃
3	Casing	TPFE TUBE	E469628	200℃
4	Fanlishui	E962	E335405	130℃
5	Tape	JY312	E188295	130℃
6	Insulating film	410 0.05mm	E34739	155℃
7	Bottom plate	Epoxy board 1.2mm	E123995	155℃
8	Tin bar	Tin/Copper	N/A	