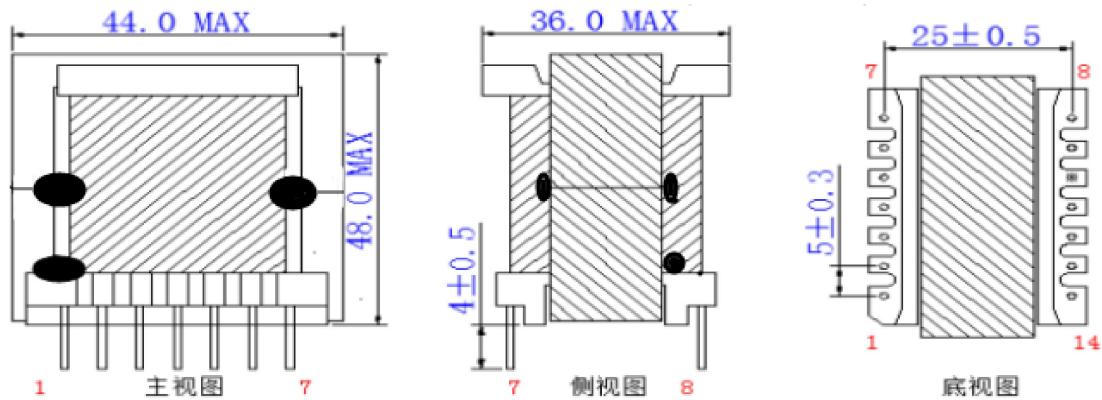


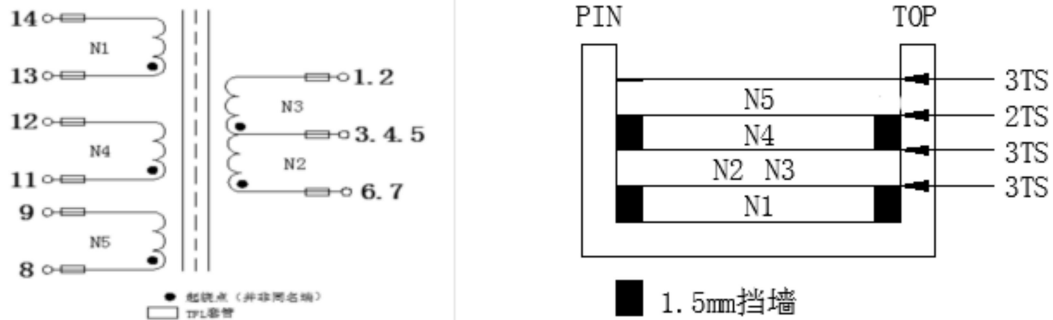
ER4215 Specification document

1. OUTLINE DIMENSION: (UNIT:mm)



2. SCHEMATIC:

3. CONSTRUCTION DIAGRAM:



4. WINDING CONSTRUCTION:

Process	Barricade tape		Phase	Wire diameter/number of strands	Number of turns	Tape 16.5mm	Insulating		Remark
	PIN	TOP					Starting	ending	
N1	1.5mm	1.5mm	14--13	0.60mm*2C (2UEW)	18TS	3TS	TFL	TFL	Wrap tightly around once
N2	/	/	1.2--4.5	T0.15*24mm adhesive copper tape	4TS	/	TFL	TFL	Centered and tightly wrapped
N3	/	/	3.4--6.7	T0.15*24mm adhesive copper tape	4TS	3TS	TFL	TFL	Centered and tightly wrapped
N4	1.5mm	1.5mm	12--11	0.60mm*2C (2UEW)	18TS	2TS	TFL	TFL	Wrap tightly around once
N5			9--8	0.50mm*1C (2UEW)	4TS	3TS	TFL	TFL	Wrap evenly around once

5. ELECTRICAL CHARACTERISTICS: (Temperature:25℃±5℃;Humidity:65±25%)				
1). Inductance:: L (13-14) : 1mH MIN (1KHz, 0.25V)				
2). Hi-Pot Test:AC50/60Hz (CS2670AX)				
PRI. TO SEC. 3000VAC/5mA/3S				
6. Material List				
Number	Name	Specification and Material	Certification	Temperature characteristics
1	Skeleton	ER4215 T375J BK, BN V-0	E59481(S)	150℃
2	Magnetic core	ER4215 PC44 Mn-Zn	N/A	200℃
3	Copper wire	POL YURETHANE ENAMELLED WIRE	E344055	155℃
4	Tin bar	TFL-201	E156256	200℃
5	Insulating oil	MW28-C BC-356	E317427	130℃
6	Tape	PZ*(b) Yellow	E165111	130℃