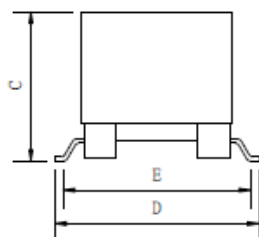
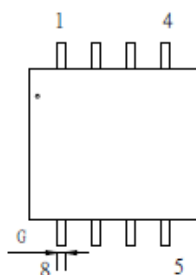
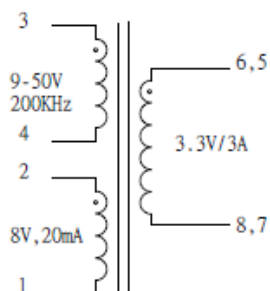
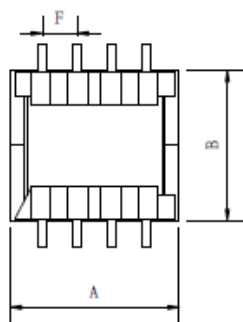
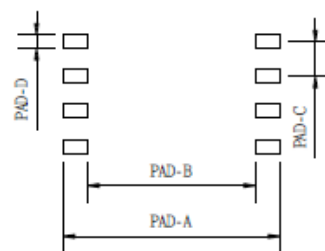


1) PHYSICAL DIMENSION & SCHEMATIC CIRCUIT: unit: mm



SUGGESTED PAD LAYOUT



A	12.0 max
B	11.0 max
C	11.5 max
D	14.6 ± 0.50
E	12.5 typ
F	2.5 ± 0.20
G	0.6 ± 0.1
PAD-A	15.5 ref.
PAD-B	12.0 ref
PAD-C	2.5 ref
PAD-D	1.0 ref

Unit:mm

2) ELECTRICAL SPECIFICATION:**2.1) INDUCTANCE: @ 10KHz / 100mVac**

$$L(3-4) = 20.4 \mu\text{H} \pm 10\%$$

2.2) LEAKAGE INDUCTANCE: @ 100KHz / 100mVac ,shorted (10+9+8+7)

$$LK(3-4) = 1.5 \mu\text{H} \text{ Max.}$$

2.3) DC RESISTANCE:

$$DCR(3-4) = 80 \text{ m}\Omega \text{ Max.}$$

$$DCR(6,5-8,7) = 7.5 \text{ m}\Omega \text{ Max.}$$

$$DCR(2-1) = 150 \text{ m}\Omega \text{ Max}$$

2.4) TURNS RATIO: @20KHz / 1V

$$P(3-4) : P(2-1) : P(6,5-8,7) = 4.5 : 2.5 : 1 \pm 1\%$$

2.5) HI-POT TEST:

$$\text{PRI TO SEC: } 1500\text{Vac} / 3\text{mA} / 1\text{sec}$$

3) MATERIAL LIST:

NO.	Item	Material Description	Temp. (Flame) Class	Vendor	UL File No.
1.	CORE	FERRITES	-	ACME or EQUIV	-
2.	BOBBIN	PM9630	V-0	SUMITOMO BAKELITE CO., LTD	E41429
3.	WIRE	UEW-F	155°C	TAI-I COPPER(GUANGZHOU) CO LTD	E234896
		TYA1-U155	155°C	TA YA ELECTRIC WIRE & CABLE CO., LTD	E84201
4.	TAPE	LY-20X	180°C	CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	E246820
5.	SOLDER	PF604B	-	SHENMAO TECHNOLOGY INC	-
6.	EPOXY	3300	V-0	SUZHOU EATTO ELECTRONIC MATERIALS CO LTD	E253983