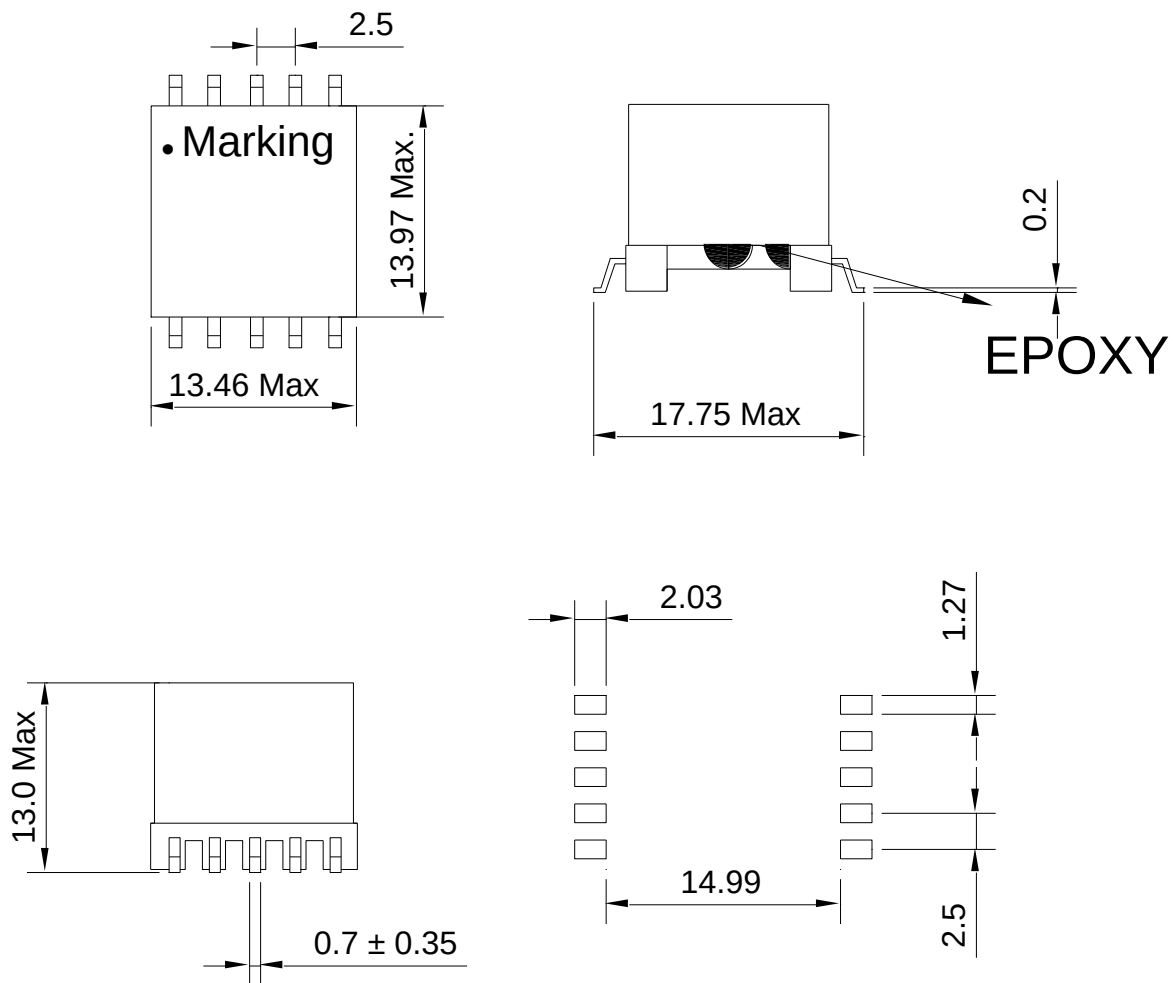
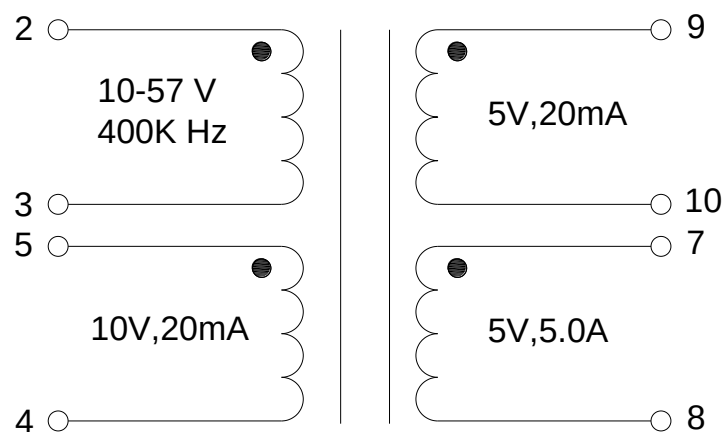


1) PHYSICAL DIMENSION: unit: mm



2) SCHEMATIC CIRCUIT: unit: mm



3) ELECTRICAL SPECIFICATION:**3.1) INDUCTANCE : @ 100KHz / 75mVrms** $L(2-3) = 10.0 \mu\text{H} \pm 10\% \text{ at } 0 \text{ Adc}$ $L(2-3) = 8.0 \mu\text{H Min. at } 4.7 \text{ Adc}$ **3.2) LEAKAGE INDUCTANCE: @ 400KHz / 75mVrms, Shorted others** $LK(2-3) = 150 \text{ nH Max.}$ **3.3) D.C RESISTANCE:** $DCR(2-3) = 15 \text{ m}\Omega \text{ Typ. , } 17.25 \text{ m}\Omega \text{ Max.}$ $DCR(5-4) = 65 \text{ m}\Omega \text{ Typ. , } 74 \text{ m}\Omega \text{ Max.}$ $DCR(9-10) = 26 \text{ m}\Omega \text{ Typ. , } 30 \text{ m}\Omega \text{ Max.}$ $DCR(7-8) = 12 \text{ m}\Omega \text{ Typ. , } 14 \text{ m}\Omega \text{ Max.}$ **3.4) TURNS RATIO: @20KHz,1V** $P(2-3) : P(5-4) = 1.80 : 1 \pm 2\%$ $P(2-3) : P(9-10) = 3.0 : 1 \pm 2\%$ $P(2-3) : P(7-8) = 3.0 : 1 \pm 2\%$ **3.5) HI-POT TEST:** $P(2,3,4,5) \text{ to } P(7,8,9,10): 1500\text{Vac} / 3\text{mA} / 1\text{min}$ **3.6) OPERATING TEMPERATURE : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$**

4) 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(GUANZHOU) 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