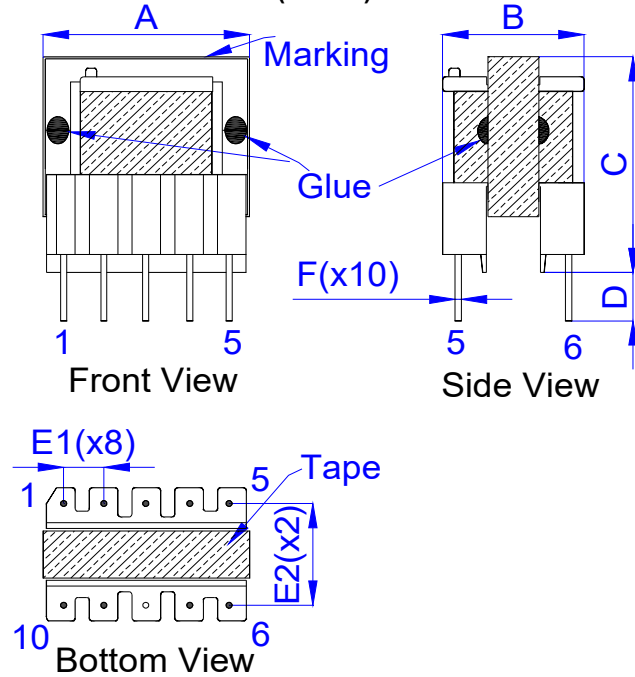


1. Configuration & Dimensions (in mm):



Note:

(1). The Marking:

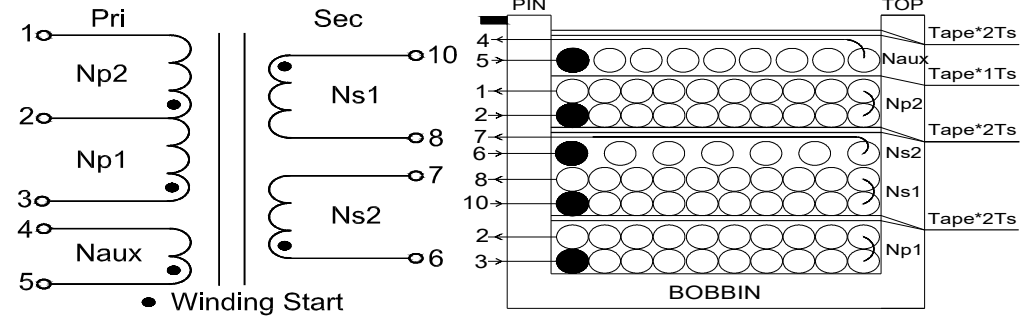
T201258A-1-30
ITG YYWW

YY:Year, WW:Week.

(2). Core Tape: 2.5Ts;

A	17.00	(Max.)	mm
B	14.00	(Max.)	mm
C	22.00	(Max.)	mm
D	3.60	± 0.50	mm
E1	3.20	± 0.50	mm
E2	10.50	± 0.50	mm
F	Ø0.60	± 0.10	mm

2. Schematic Diagram:



3. Electrical Characteristics (Ta=25°C):

1>Open Circuit Inductance (OCL):

L(PIN3-1): 1.30mH±10% @100KHz/0.25V (Ta=25°C).

2>L@Isat(3-1): L drops 20% @100KHz/0.25V;Isat=0.70A (Ta=25°C).

3>Leakage Inductance:

Lk(PIN3-1): 35.0uH Max.@100KHz/0.25V;Shorted other PIN.

4>DCR Test:

DCR(PIN3-1): 4.00Ω Max. (Ta=25°C).

DCR(PIN5-4): 1.20Ω Max. (Ta=25°C).

DCR(PIN6-7): 0.25Ω Max. (Ta=25°C).

DCR(PIN10-8): 0.13Ω Max. (Ta=25°C).

5>Hi-Pot Test:

Hi-Pot (Pri,Aux to Sec): AC4.0KV/5mA/2Sec./50/60Hz.

Hi-Pot (Pri,Aux,Sec to Core): AC0.5KV/5mA/2Sec./50/60Hz.

6>Turns Ratio (Pri : Sec1): 6 :1 at 20KHz/1V.

Turns Ratio (Pri : Sec2): 14 :1 at 20KHz/1V.

Turns Ratio (Pri : Aux): 4.8 :1 at 20KHz/1V.

Notes:

1> Operating Temperature Range -25°C to + 125°C.

2> RoHS and HF Compliance Component.

REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
A.0	2023/3/31	NEW	Mary Yang
A.1	2023/5/11	Add saturation current (Isat) to SPEC.	Mary Yang

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN mm.

TOLERANCES

1PL ± 0.50

2PL ± 0.30

Third Angle Projection



ITG Electronics, Inc.

T201258A-1-30

EE16,Flyback Transformer

DWG. NO.

T201258A-1-30

SCALE: 1/1

SHEET

REV.

A.1

1 OF 1



Due to continuous product improvement ,all specifications are subject to change without prior notice. Kindly contact an ITG field application engineer or a sales representative prior to purchase.