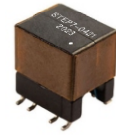


FLYBACK TRANSFORMERS

STEP7-0421

Features

- 4.5 to 60 V input voltage
- 6 to 28 V output voltage
- 2.2 kV isolation voltage
- Isolation type: Basic creepage and clearance >3 mm
- RoHS compliant

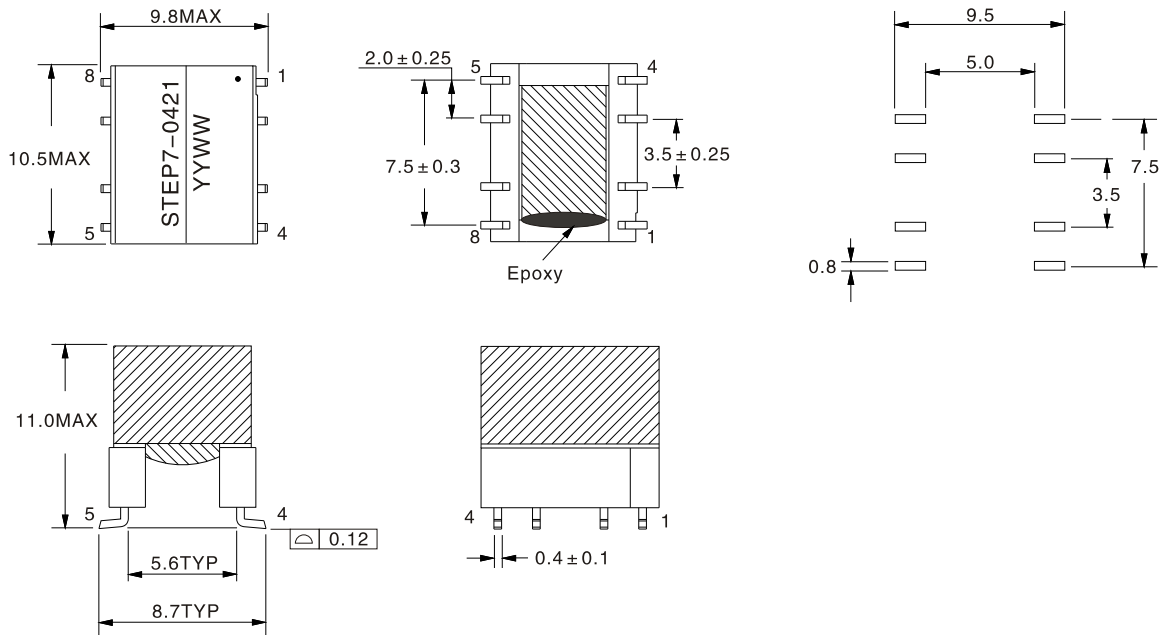


ELECTRICAL CHARACTERISTICS:@25°C

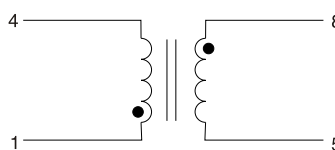
L(Pin1-4) @250 kHz, 1V		270uH $\pm$ 20%
DC Bias(Pin1-4) @250kHz, 1V ,DC0.4A		L0A*90% min
Leakage Inductance(Pin 1-4) @250kHz, 1V with 8-5 short		8.5uH max.
DCR	Pin 1-4	1.4 Ω max
	Pin 8-5	2.85 Ω max
Turns Ratio ($\pm$ 2 %) & Polarity@20 kHz, 1V Input Terminal (1-4)		(1-4): (8-5)= 1:1
Hi-Pot	PRI-SEC	2.2KVac 2.0 mA, 60 sec.
	PRI-CORE	0.6KVac 2.0 mA, 60 sec.
	SEC-CORE	0.6KVAC 2.0 mA, 60 sec.
Operating Temperature Range		-40 °C to +125 °C (including temperature rise)
Storage Temperature Range		-40 °C to +85 °C

PHYSICAL CHARACTERISTICS:(mm)

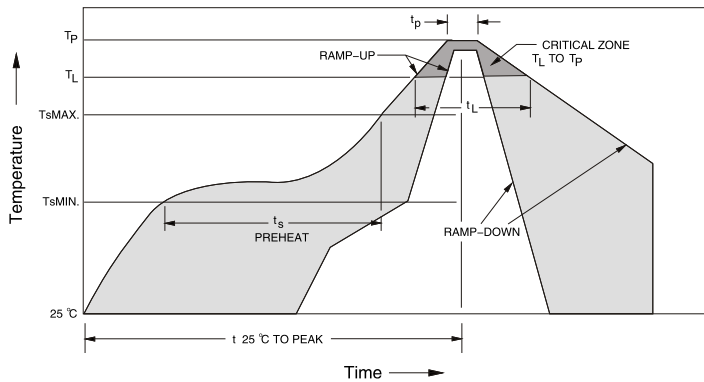
LAYOUT:



WINDING:



SOLDERING PROFILE:



Ramp-up rate = 3 °C /sec. max.
 Ramp-down rate = 6 °C /sec. max.
 T_L = 217 °C t_L = 60-150 sec.
 T_P = 245 °C ± 5 °C
 Time within 5 °C of actual Peak Temp (t_p) = 20-40 sec.
 T_s min = 150 °C T_s max = 200 °C
 T_s min to T_s max = 60-180 sec., 25 °C to Peak Temperature = 6 min. max.

PACKAGING SPECIFICATIONS:(mm)

