



EE12.8 Transformer

AEE128-4336



● Meet UL Class B 130°C UL File number E349541

Specifications @25°C

S - F	Inductance F=75KHz, 0.1Vrms at 25°C	Leakage Inductance F=75KHz, 0.1Vrms, (short 4,5,7,9 pin)	DCR (20°C) (Max)	Turns Ratio
1 - 3	600uH ±10%	6.0uH Max	1.50 Ω	25Ts
4 - 5			420 mΩ	4Ts

Secondary Specifications @25°C

S - F	Inductance F= KHz, Vrms	Leakage Inductance F= KHz, Vrms, Short	DCR (20°C) (Max)	Turns Ratio
7 - 9			540 mΩ	10Ts

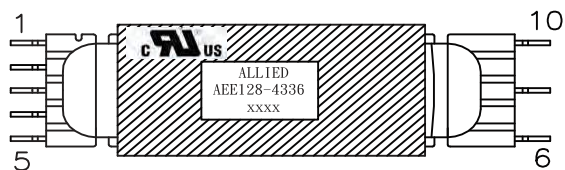
Specifications @25°C

Location / Description	PRI-PRI	PRI-SEC	SEC-CORE	PRI-CORE	CORE-CORE
Hi-Pot (50Hz/60Hz)		3000Vac, 5mA, 2 sec	500Vac, 5mA, 2 sec	500Vac, 5mA, 2 sec	
Insulation Resistance		500Vac, 100 mΩ min	500Vdc, 100 mΩ min	500Vdc, 100 mΩ min	

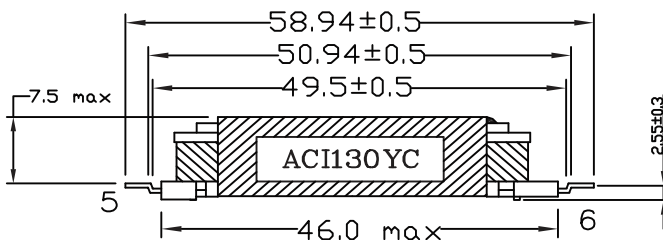
All specifications subject to change without notice.

MECHANICAL

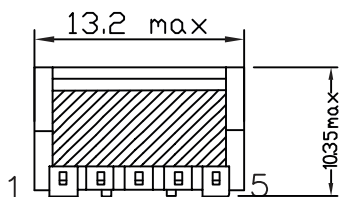
DIMENSION: (UNIT: mm)



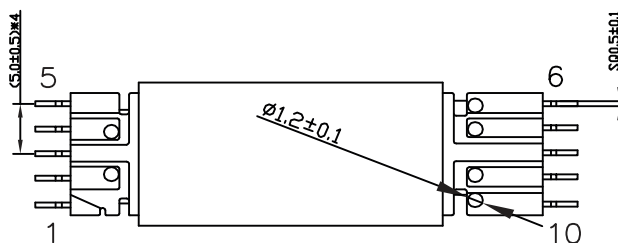
TOP VIEW



SIDE VIEW



FRONT VIEW

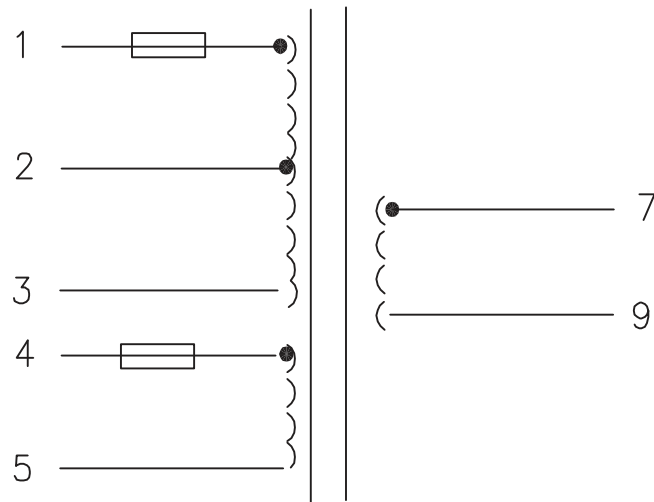


BOTTOM VIEW

NOTE:
1. GAP CORE TO TOP SIDE.



Schematic



● Start □ TUBE

Winding Summary

WINDING ORDER		S - F	WIRE SIZE	TURN	MARGIN TAPE	INSULATION TAPE	REMARK
#1	N1	1 - 2	∅0.2(2UEW)	12Ts	-	2 LAYERS	1 WIRE
#2	N2	7 - 9	∅0.2(STW-B)	10Ts	-	2 LAYERS	1 WIRE
#3	N3	2 - 3	∅0.2(2UEW)	13Ts	-	2 LAYERS	1 WIRE
#4	N4	4 - 5	∅0.2(2UEW)	4Ts	-	2 LAYERS	1 WIRE

NOTE: PIN1 AND PIN4 WITH TFL TUBE.



Construction

