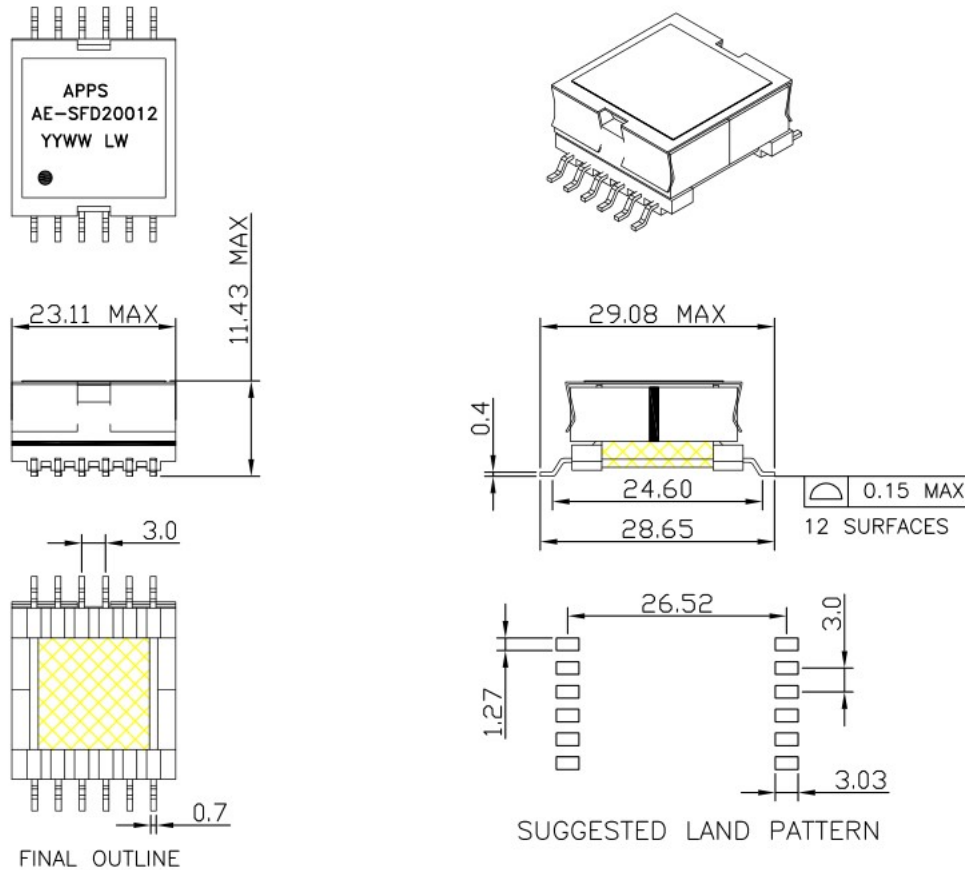


Part Number: AE-SFD20012

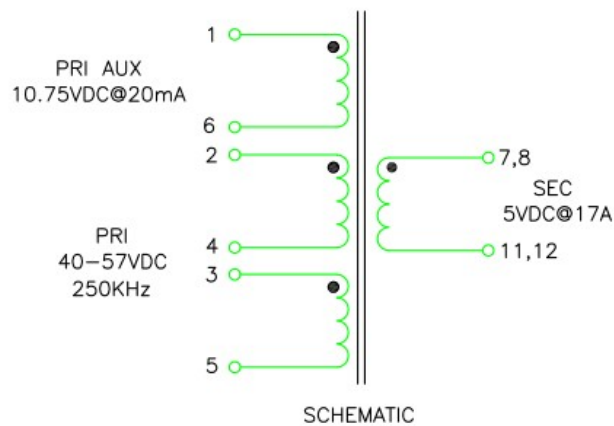
PoE Transformer

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Mechanical Dimensions



Schematic





Electrical Characteristics @25°C

1. Inductance (@10kHz, 0.10V):

PIN 2-5 = 175uH Min.

2. Leakage Inductance (@100kHz, 0.1V):

PIN 2-5 = 1.0uH Max. (Short other pins)

3. DCR:

PIN 2-5 = 50m Ω Max.

PIN 1-6 = 200m Ω Max.

PIN 7,8-11,12 = 10m Ω Max.

4. Turns Ratio:

PIN 2-3 : 3-5 = 1.000 $\pm$ 3%.

PIN2-5 : 1-6 = 1.556 $\pm$ 3%.

PIN2-5 : 7,8-11,12 = 3.500 $\pm$ 3%.

5. Hi-Pot (@60Hz, 60Sec.):

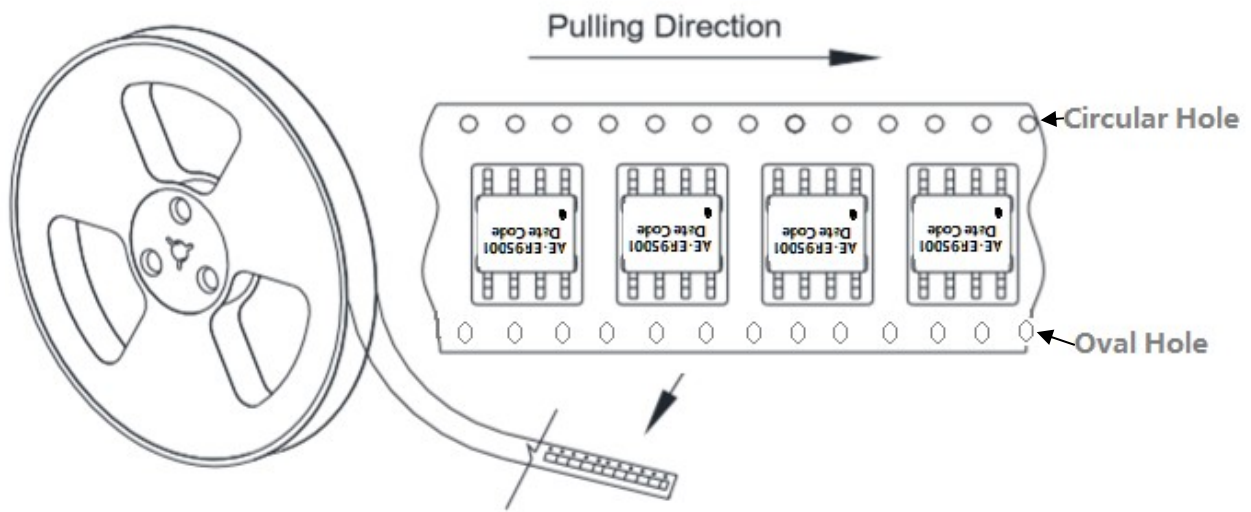
PIN1,2,3,4,5,6-7,8,11,12: 3000VDC.。

PIN 1,6 -2,3,4,5: 600Vrms

Materials Specification

Item	Spec.	Material	Supplier	UL No.
Core	EFD20	HY44	HUAYUE	N/A
Bobbin	EFD20 SMD	PM9630	SUMITOMO BAKELITE CO LTD	E41429
Wire	Φ 0.20 & 0.27	HPN	Electrisola	E258243
Tape	J16	POLYESTER FILM	JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD	E246950
ADHESIVE	EB-350-4LV	EPOXY	EPOXYSET INC	N/A
COVER	EFD20	SUS301	N/A	N/A

Packing



Note:

1. Put the products in the same direction according to the pot.
2. 125PCS per reel, and 6 reels per carton.