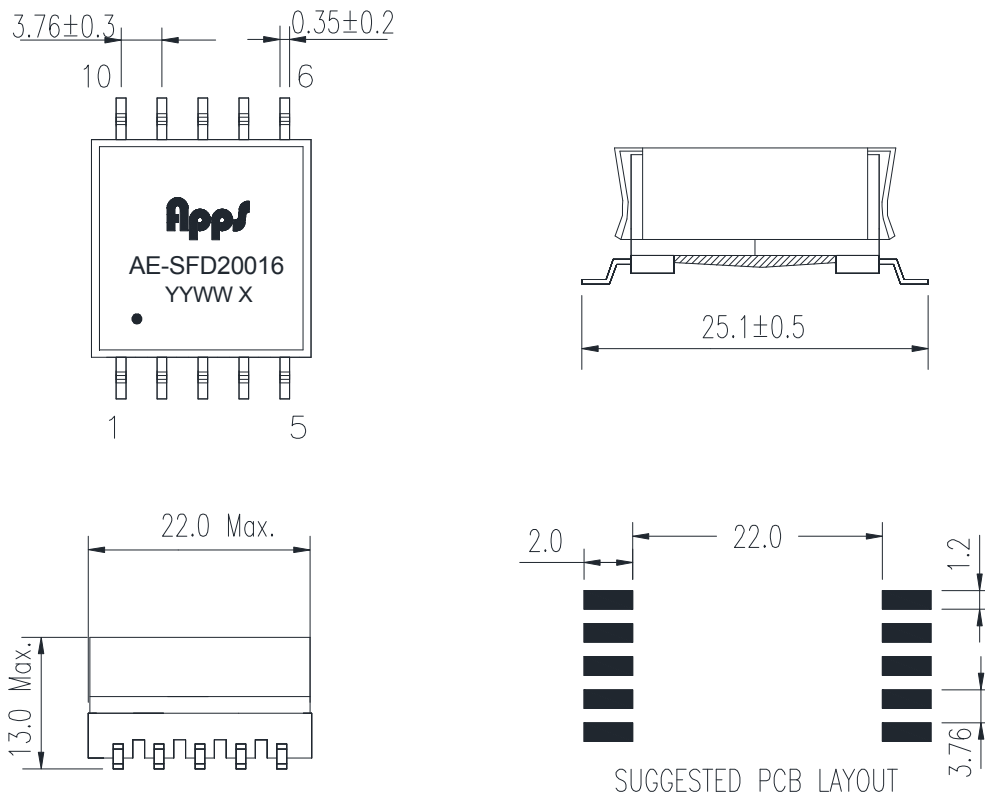


Part Number: AE-SFD20016

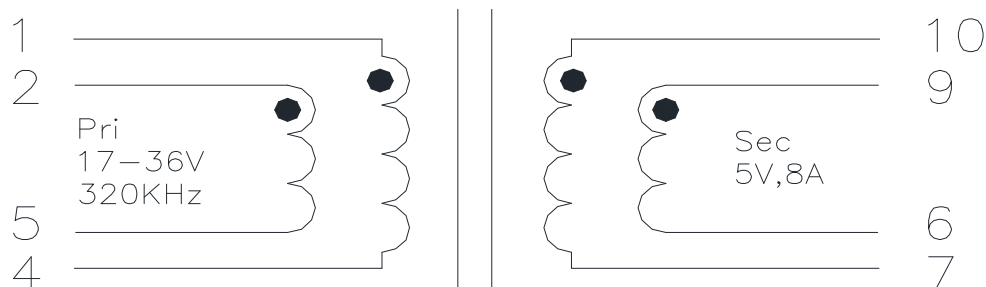
SMD POWER TRANSFORMER

Mechanical Dimensions



Unit: mm

Schematic



Part Number: AE-SFD20016

SMD POWER TRANSFORMER

Electrical Characteristics @25°C

1. DCR : PIN 1,2-5,4= 13.0mΩ Max.
 PIN 10,9-6,7= 7.0mΩ Max..
2. INDUCTANCE (@320KHz, 0.1Vrms) :
 PIN 1,2-5,4 = 22.5H Min.
3. TURN RATIO (@20KHz, 1.0Vrms) :
 PIN 1,2-5,4 : 10,9-6,7
 =1.67 : 1 ±3%.
4. LEAKAGE INDUCTANCE (@320KHz, 0.1Vrms) :
 PIN 1,2-5,4= 0.30uH MAX.
 (1-2&4-5&6-7-9-10 SHORT)
5. HI-POT (@1250VAC, 1mA, 1S) : PIN1,2 TO 10,9
6. RoHS COMPLIANT

Materials List

Item	Spec.	Material	Supplier	UL No.
Core	EFD20	Ferrite	ACME or EQUIV	N/A
Bobbin	EFD20 SMD	PM9630	SUMITOMO BAKELITE CO LTD	E41429
Wire	UEWF	155	TAI-I COPPER(GUANGZHOU) CO LTD	E234896
Tape	LY-20	180	CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	E246820
EPOXY	3300	V-0	SUZHOU EATTO ELECTRONIC MATERIALS CO LTD	N/A