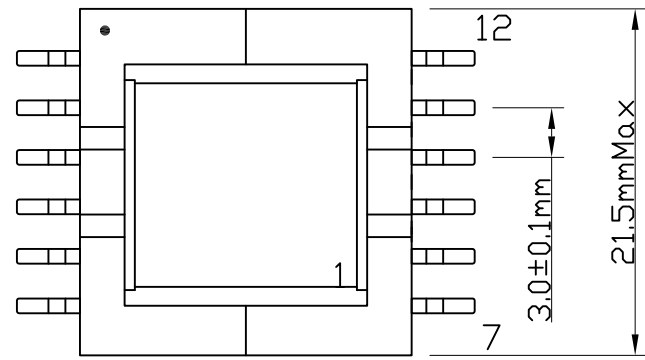
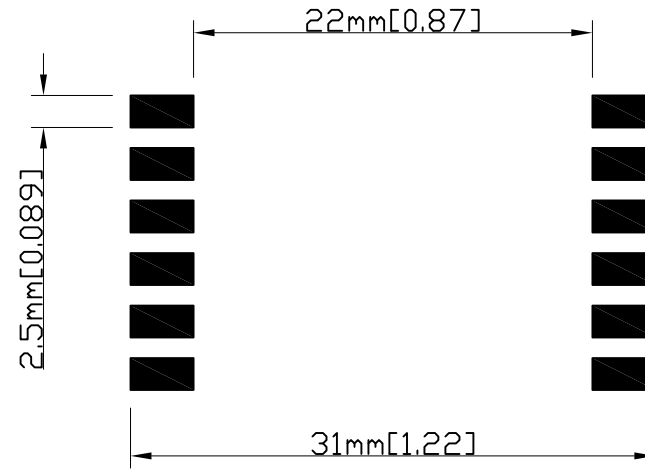


1. MECHANICAL DIMENSIONS :

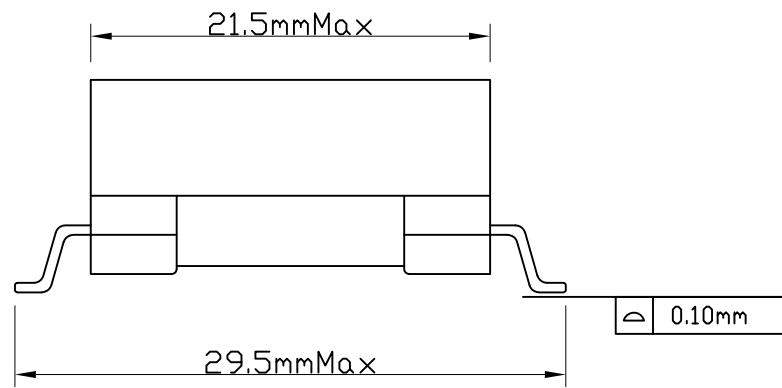
REV.	CHANGGE DESCRIPTION	DATE
A	New Issue	2023-5-2



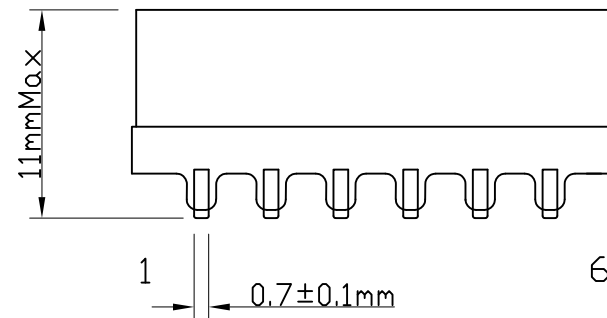
(Top View)



(Suggested Pad Layout)



(Side View)



RoHS Compliant

NOTE.DIMENSIONS : MM(INCHES)/ UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.5(0.020).

TAG ECO TECH CO., LTD.

A4
SIZE

TAG PART NO.:
1SFD2001F

VENDOR PART NO.:

Drawn: Zhang Xue

Designed: Yang Tian

Approved: Deane

Date: 2023-5-2

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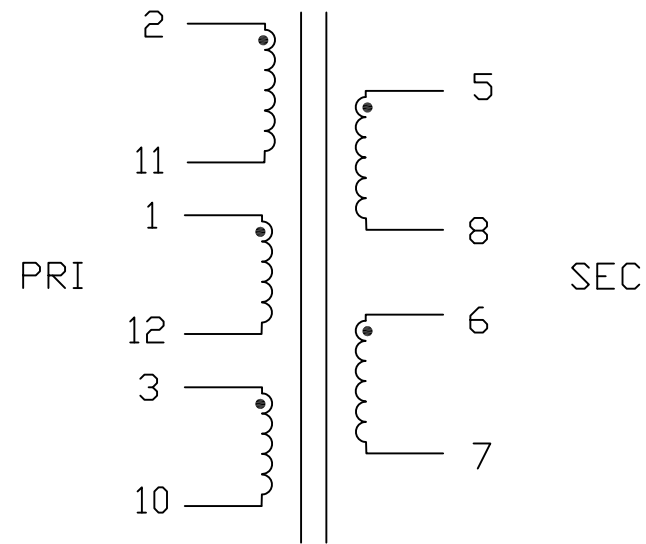
THIRD ANGLE
PROJECTION

DESCRIPTION:
XFMR,ISOLATION

UNIT mm[inch] USED ON

SHEET 1 OF 2 REV. A

2. SCHEMATIC:



4. ELECTRICAL SPEC: (AT20°C65±5%RH)

- (1).INDUCTANCE: L:10KHZ, 0.05V
L:PIN (1+2-11+12):15uH±6%
- (2),LK:100KHZ, 0.05V
LK:PIN (1+2-11+12):0.3uH Max(short3.5.6.7.8.10)
- (3).TURN RATIO: AT 20KHZ 1V
TR:PIN(1+2-11+12):(5-8):(6-7):(3-10)=10:7:7:6±3%
- (4).DIRECT-CURRENT RESISTANCE
DCR:PIN(2-11):46mΩ Max PIN(1-12):53mΩ Max
DCR:PIN(5-8):35mΩ Max PIN(6-7):36mΩ Max
DCR:PIN(3-10):166mΩ Max
- (5).HI-POT TEST:AC 50Hz, 3.0mA, 1SEC
PRI-SEC: AC 500V
PRI-PRI: AC 500V WINDING-CORE: AC 500V
- (6).INSULATION RESISTANCE:DC500V
SEC-CORE:100M ΩHMS Min
PRI-CORE:100M ΩHMS Min

3.WINDING:

ORDER	S--F	WIRE SIZE	TURN	TAPE 13.8mm
N1	2-11	2UEW φ0.35mm*2C	10	2
N2	5-8	2UEW φ0.35mm*2C	7	2
N3	6-7	2UEW φ0.35mm*2C	7	
N4	1-12	2UEW φ0.35mm*2C	10	1
N5	3-10	2UEW φ0.25mm	6	3

RoHS Compliant

TAG ECO TECH CO., LTD.

A4
SIZE

TAG PART NO.:
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DESCRIPTION:
XFMR,ISOLATION

UNIT mm[inch] USED ON

SHEET 2 OF 2 REV. A