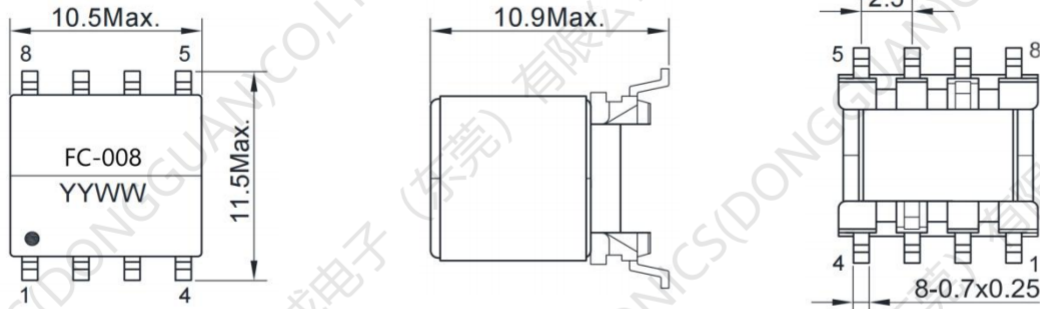


SMD Drive Transformers FCT10710-008

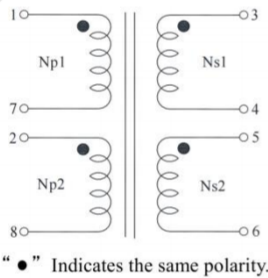
Features:

1. Inductance range: 110 μ H/440 μ H
2. turns Ratio: 1:1:2:2
3. Insulation Test Voltage: 500VAC
4. Operating temperature: - 40 $^{\circ}$ C to +125 $^{\circ}$ C

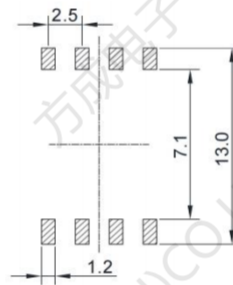
1. Dimensions:mm



2. Schematic:



3. Recommended Land Pattern: mm



4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductance	Np1=Np2	110 μ H/Min	100KHz, 0. 1V, 25 $^{\circ}$ C	HP4284A
2		Ns1=Ns2	440 μ H/Min	100KHz, 0. 1V, 25 $^{\circ}$ C	HP4284A
3	Leakage Inductance	Np1 (1-7) Short other	1. 5 μ H /Max	100KHz, 0. 1V, 25 $^{\circ}$ C	HP4284A
4	turns Ratio	Np1:Np2:Ns1:Ns2	1:1:2:2	20KHz, 1V, 25 $^{\circ}$ C	TH3250
5	DCR	Np1 (1-7)	230m Ω /Max	25 $^{\circ}$ C	CH502
6		Np2 (2-8)	300m Ω /Max	25 $^{\circ}$ C	CH502
7		Ns1 (3-4)	500m Ω /Max	25 $^{\circ}$ C	CH502
8		Ns2 (5-6)	530m Ω /Max	25 $^{\circ}$ C	CH502
9	Insulation Test Voltage	PRI~SEC	500V/AC	50Hz 1mA 3S	CJ2670
10		COIL~CORE	500V/AC	50Hz 1mA 3S	CJ2670

Ambient temperature : -40 $^{\circ}$ C to +85 $^{\circ}$ C

Operating temperature: -40 $^{\circ}$ C to +125 $^{\circ}$ C