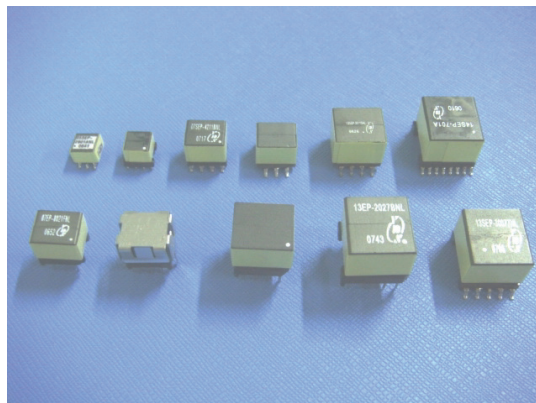


FEATHER

- TRANSFORMERS FOR POWER OVER ETHERNET (PoE)
- HIGH FREQUENCY POWER TRANSFORMER
- HIGH FREQUENCY SWITCHING TRANSFORMER
- AUDIO TRANSFORMER
- ADSL/ISDN LINE TRANSFORMER
- WIDE VARIETY OF OTHER SIZES AND VALUES AVAILABLE
- Accepting the customer all kinds of orders to make



ELECTRICAL SPECIFICATIONS@25°C -OPERATING TEMPERATURE -40°C TO +85°C

Part no.	Turns Ratio ($\pm 3\%$)			Primary Inductance ($\mu\text{H} \pm 10\%$)	Leakage Inductance ($\mu\text{H MAX}$) (Pri. @Short other Pins)	DCR ($\text{m}\Omega \text{ MAX}$)			Pri. To Sec. & Pri. Aux. To Sec. Isolation (Vrms MAX)
	Pri	Sec.	Pri. Aux.	(10KHz/0.1Vrms)	(100KHz/0.1Vrms)	Pri.	Pri. Aux.	Sec.	
07SEP-5011SNL	1	0.083	0.208	500	7.5	1750	215	15	1500/1mA/1MIN.
07SEP-3111SNL	1	0.182	0.682	310	5	1600	2600	45	1500/1mA/1MIN.
07SEP-3112SNL	1	0.273	0.682	310	5	1600	2650	87	1500/1mA/1MIN.
10SEP-2001FNL	1	0.444	0.388	20.4	*1.5	80	105	30	**
10SEP-2513SNL	1	0.125	0.208	253	10	420	115	20	1500/1mA/2S
10SEP-1611SNL	1	0.682	0.682	155	8	540	920	370	1500/1mA/2S
13SEP-2611SNL	1	0.283	0.204	264	10	800	115	66	1500/1mA/2S
***13SEP-7701ZNL	1	0.273	0.682	77.4	0.8	220	250	18	1500/1mA/2S
****13SEP-1211ZNL	1	0.292	0.208	127	10	460	94	60	1500/1mA/1S
13SEP-2801ZNL	1	0.470	0.294	28.9	1	58	55	27	1500/1mA/2S

Part Number:

10SEP-200 1 F NL
A B C D E

A:Series S:SMD
B:Inductance
C:Sequence id
D:Schematics
E:ROHS

NOTE:

*:Leakage Inductance Test Condition: 100KHz/1V

**.:Pri & Pri.Aux. To Sec.:1500Vrms/1mA/2S

Pri. To Pri.Aux.:500Vrms/1mA/2S

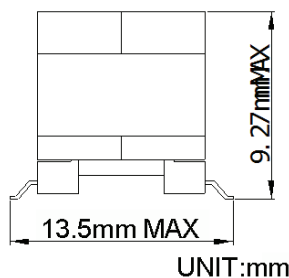
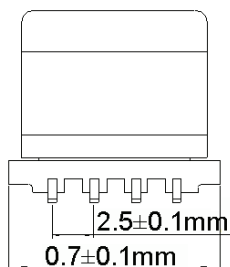
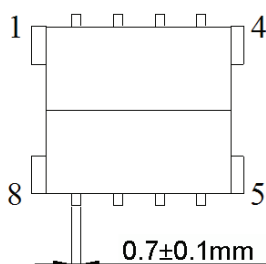
Pri. & Pri.Aux. To Core: 500Vrms/1mA/2S

Sec. To Core: 500Vrms/1mA/2S

***:Operating Temperature: -40°C ~ +125°C

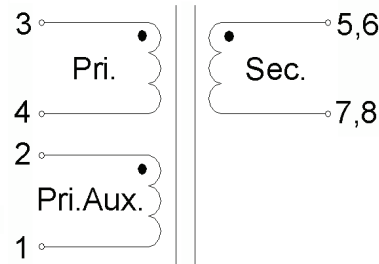
****:Turns Ratio: $\pm 5\%$

07SEP Mechanicals



UNIT:mm

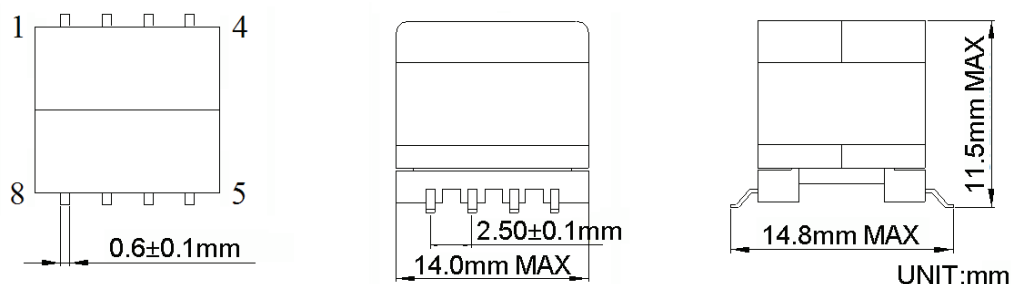
Schematics



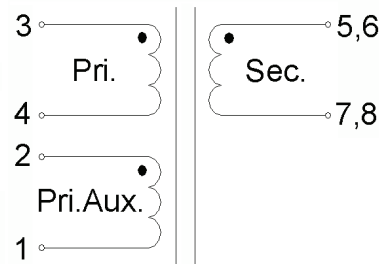
Dimensions:mm

Unless otherwise specified,all tolerances are ± 0.25

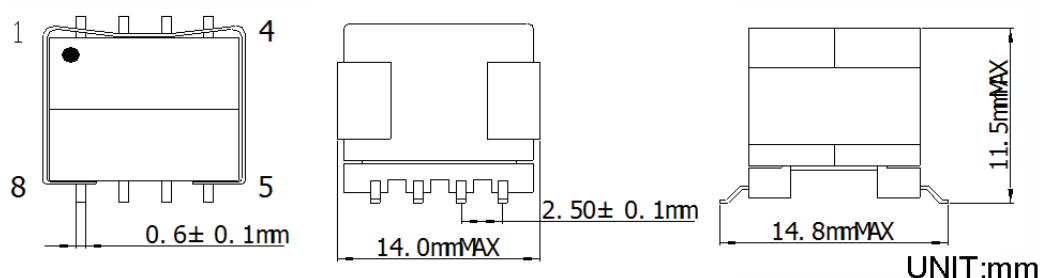
10SEP Mechanicals



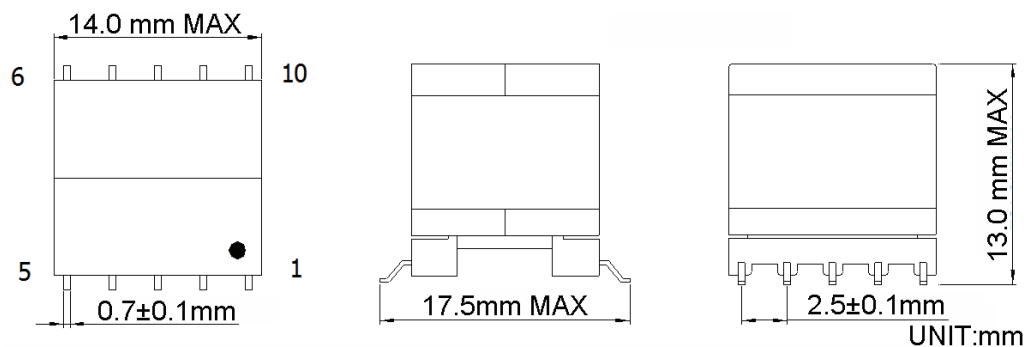
Schematics



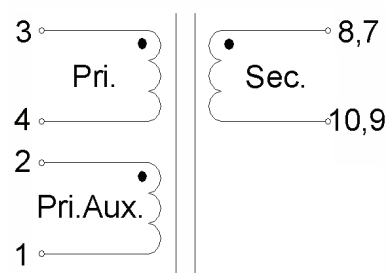
10SEP-2001FNL Mechanicals



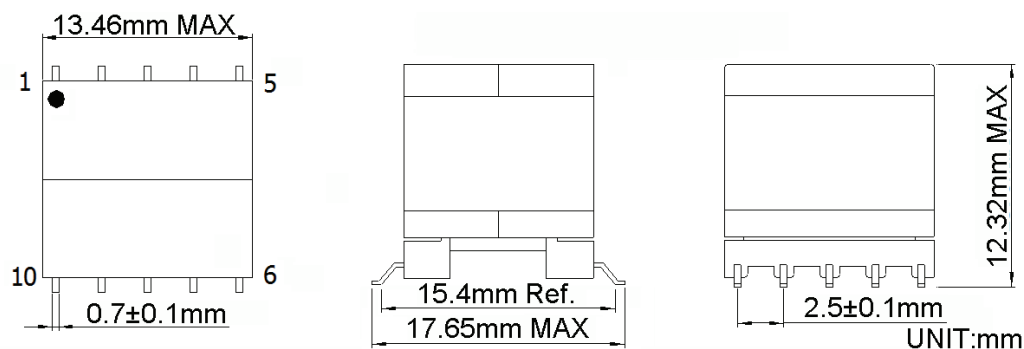
13SEP Mechanicals



Schematics



13SEP-1211ZNL Mechanicals

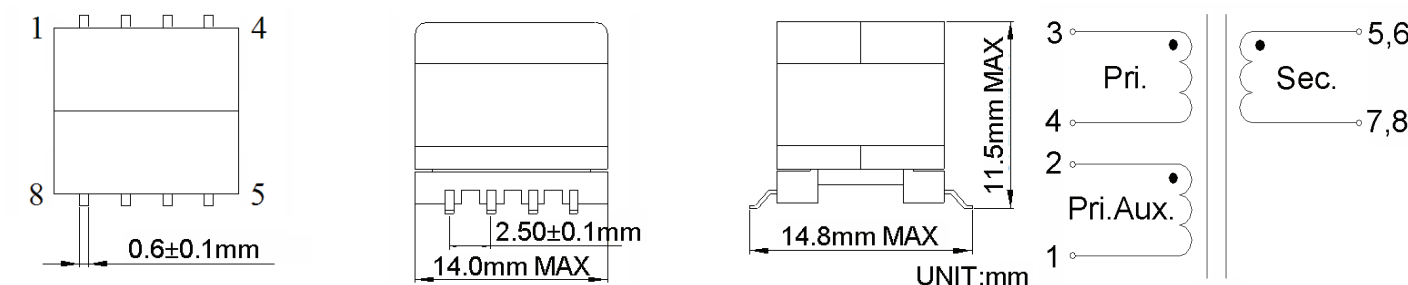


Dimensions:mm

Unless otherwise specified,all tolerances are ± 0.25

13SEP-2611SNL Mechanicals

Schematics



Dimensions:mm

Unless otherwise specified, all tolerances are ± 0.25