

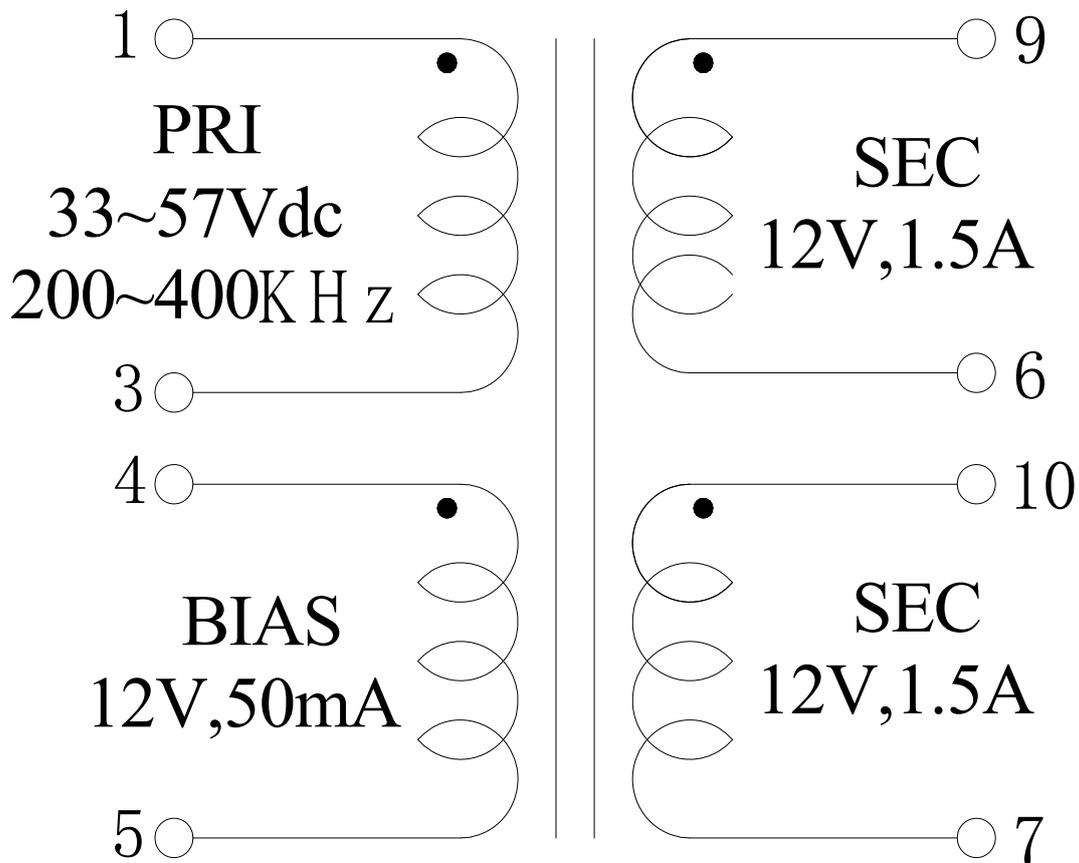


Feature

- RoHS compliance product
- Flyback Transformer
- Surface Mount Device Providing Compact Footprint
- Operating temperature range:-40 °C to +125 °C

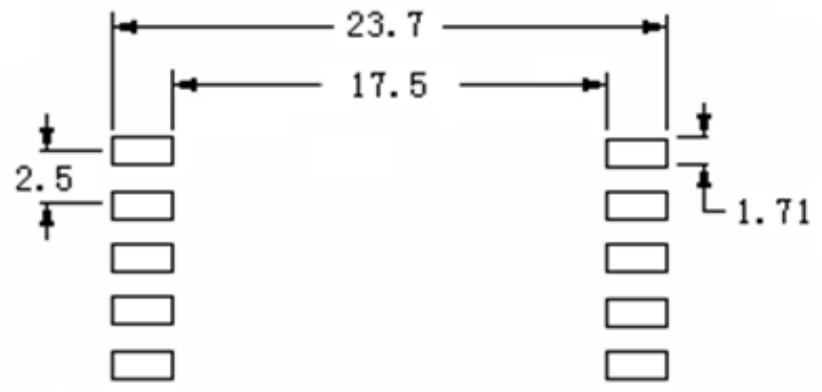
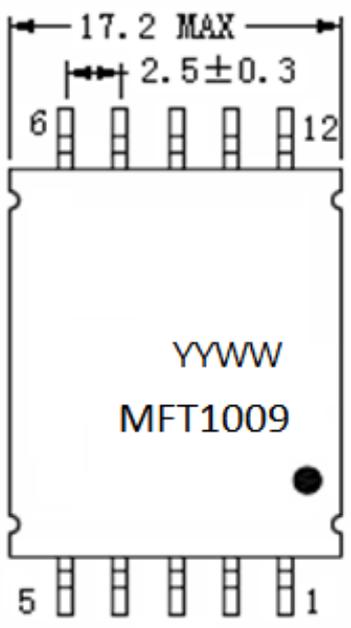
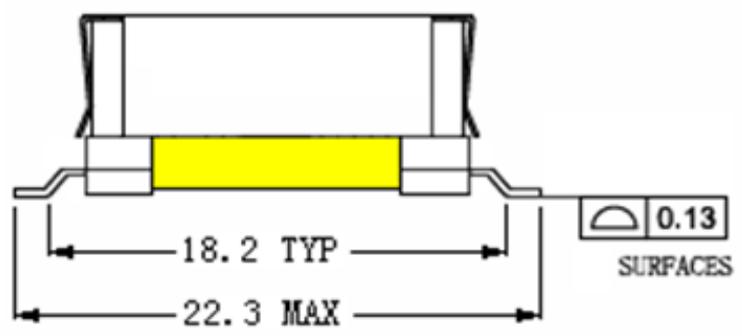
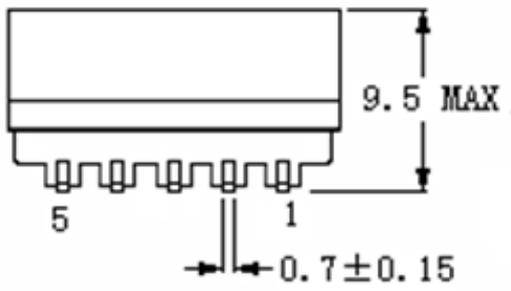
Electrical Specifications @ 25°C										
Part Number	Turns Ratio			OCL @100KHz 0.1V	LL @100KHz 0.1V	DCR				Hi-Pot (VAC)
	1-3:4-5	1-3:9-6	1-3:10-7	1-3	1-3 (4-5-6-7-9-10short)	1-3	4-5	9-6	10-7	PRI-SEC
MFT1009	2.67:1±3%	2.67:1±3%	2.67:1±3%	41uH ±10%	1.0uH max	93mΩ MAX.	145mΩ MAX.	35mΩ MAX.	35mΩ MAX.	1500

Schematic





Mechanical



SUGGESTED PAD LAYOUT

Dimension (mm) : Unless otherwise specified, all tolerances are ± 0.25 mm



MATERIALS LIST

NO	ITEM	MATERIAL NAME	SPEC	UL NO	SUPPLIER
1		WIRE	2UEW, MW82#,N/R, 180°C QPN 180°C N UEWH	E234867 E255839	ZHUHAI SUNTEK WIRE CO LTD SHING SHUN MAGNET WIRE (HUIZHOU) CO LTD
2		INSULATION TAPE	CT-280B 130°C JY312 130°C	E165111 E188295	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD SUZHOU MAILADUONA ELECTRIC MATERIAL CO LTD
3		CORE	EFD15 2.3K Mn-Zn	NA	ACMEELECTRONICS CORPORATION DONG GUAN DDK ELECTRONIC CO.,LTD
4		BOBBIN	EFD15 SMD PM-9630	E41429	SUMITOMO BAKELITE CO LTD
5		EPOXY	E500 S-9001	E218090 E229633	DONGGUAN EATTO ELECTRONIC MATERIAL CO LTD GUANGZHOU WELLS ELECTRONIC MATERIAL CO LTD
6		FLUX	F-104	NA	HONGTAI
7		INK	KSM-150	NA	JIANGSU KUANGSHUN PHOTSENSITIVITY NEW-MATERIAL STOCK CO.LTD
8		SOLDER BAR	Sn99.3/Cu0.7, SOLDER BAR	NA	DONGGUAN QI HANG XI YE MANUFACTURING CO.LTD
9		CLIP	EFD15 厚度:0.26	NA	创顺五金电子厂