Pulse Transformers for Maxim "MAX253"

Thru-hole & Surface Mount

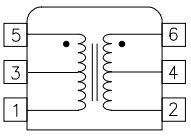
RS-485 Data Interface Applications

RS-232 Data Interface Applications

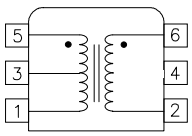
1800 V_{RMS} Minimum Isolation

Custom Designs and Variations on electrical data available

Schematic "C"



Schematic "E"



Electrical Specifications [1,2] at 25°C

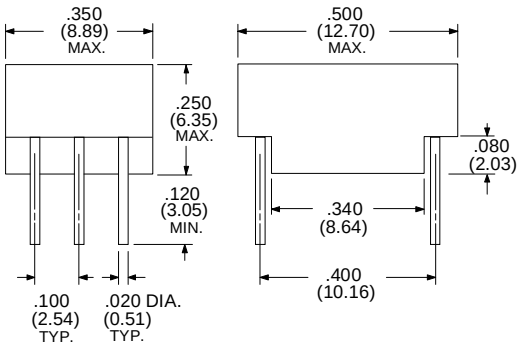
T6-Pkg. Part Number	*Wide-SMD* Part Number	Turns Ratio (±5 %)	OCL min. (mH)	PRI-SEC $C_{W/W}$ max. (pF)	Leakage L_L max. (µH)	Pri. DCR max. (Ω)	Sec. DCR max. (Ω)	ET * min. (V-µS)	Schem. Style
T-941	T-971	1CT:1	1.2	45	0.6	0.7	0.7	20	E
T-942	T-972	1CT:1.3CT	1.2	45	0.6	0.7	0.9	20	C
T-943	T-973	1CT:2.1CT	0.8	35	0.4	0.6	1.4	12	C
T-944	T-974	1CT:5CT	1.2	45	0.6	0.7	3.5	20	C
T-945	T-975	1CT:1CT	1.2	45	0.6	0.7	0.7	20	C

1. Primary Pins for all parts listed are pins 1-5.
2. Temp range is -40°C to +85°C

*** Due to High ET Product, these parts are recommended for all applications where FS is High, Open, or Low.**

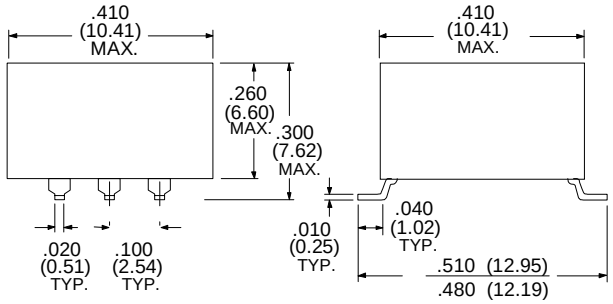
"T6" Package
T-941 thru T-945

Physical Dimensions
inches (mm)



SMD available on Tape & Reel

Wide-SMD Package
T-971 thru T-975



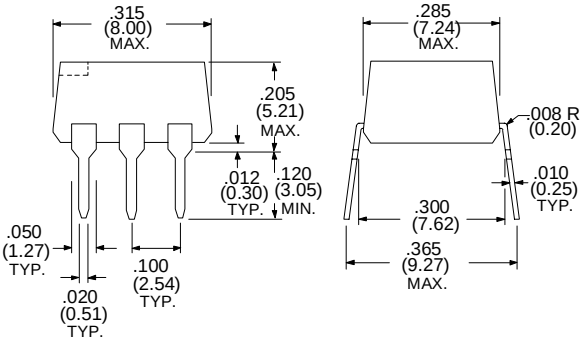
Electrical Specifications [1,2] at 25°C

DIP Part Number	*SMD* Part Number	Turns Ratio (±5 %)	OCL min. (mH)	PRI-SEC $C_{W/W}$ max. (pF)	Leakage L_L max. (µH)	Pri. DCR max. (Ω)	Sec. DCR max. (Ω)	ET ** min. (V-µS)	Schem. Style
T-1106	T-1106G	1CT:1	1.2	60	0.8	0.8	0.8	12	E
T-1107	T-1107G	1CT:1.3CT	1.2	60	0.8	0.8	1.0	12	C
T-1108	T-1108G	1CT:2.1CT	0.8	50	0.6	0.7	1.6	8	C
T-1110	T-1110G	1CT:1CT	1.2	60	0.8	0.8	0.8	12	C

1. Primary Pins for all parts listed are pins 1-5.
2. Temp range is -40°C to +85°C

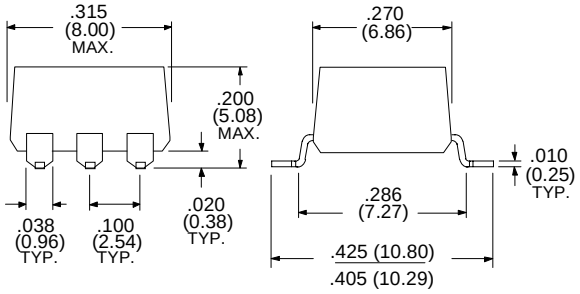
**** Due to lower ET Product, these parts are only recommended for applications where FS is High or Open.**

6-Pin DIP Package
T-941 thru T-945



SMD available on Tape & Reel

6-Pin SMD Package
T-1106G thru T-1110G



Specifications subject to change without notice.

For other values & Custom Designs, contact factory.

MAXIM - 4/99

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