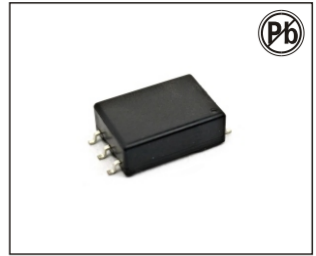


ISOLATION POWER TRANSFORMER /GATE DRIVER TRANSFORMER

GT0513 SERIES

FEATURES:

- Push Pull Converter Transformer, BMS Isolation/Gate driver transformer
- IEC 60950 and 61558 basic insulation
- Compliant, High creepage 4000Vrms isolation (600Vrms continuous)
- Conforms AEC-Q200 and IATF16949

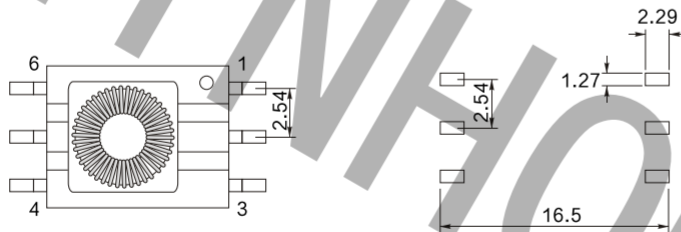
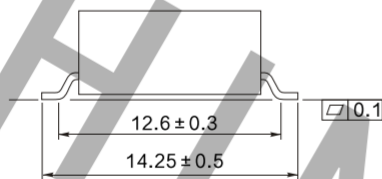
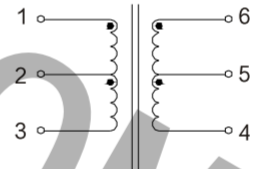
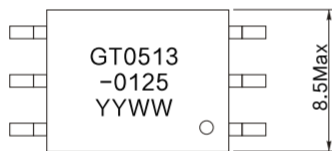


ELECTRICAL CHARACTERISTICS@25°C

Part Number	Turns ratio (1-3):(6-4)	L(1-3) (uH) Min 100KHz,0.1V	LK(1-3) (nH) typ. 100KHz,0.1V Short 4-6	DCR(1-3) (Ω) Max	DCR(4-6) (Ω) Max	ET(1-3) (V-usec) Max	Capacitance (1,3)to(4,6) (pF)Max
GT0513-0140	1CT:4CT	200	200	0.29	1.35	15	9
GT0513-0125	1CT:2.5CT	200	200	0.28	0.85	15	7
GT0513-0170	1CT:7CT	200	250	0.45	4.15	15	8
GT0513-0147	1CT:4.7CT	200	200	0.29	2.0	15	7
GT0513-0112	1CT:1.2CT	200	200	0.14	0.17	15	9
GT0513-0117	1CT:1.7CT	200	200	0.13	0.37	15	9
GT0513-0211	2.1CT:1CT	200	350	0.18	0.13	15	7
GT0513-0162	1CT:6.2CT	200	200	0.47	3.45	15	8

TECHNICAL INFORMATION & WINDING

Dimensions(mm)



- 1.Test condition:100 kHz/0.1V,All data is tested based on 25°C ambient temperature.
- 2.Operating Temperature: -40°C to +105°C (Temperature rise included).
- 3.Storage Temperature: 5 to 40°C.