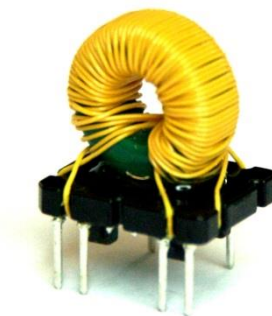


Features

- Reinforced insulation - Meets safety isolation requirements
- Working voltage up to 600 Vac
- Isolation 4500 Vrms Gate to Drive & 2500 Vrms Drive to Drive
- Operating frequency: 20kHz to 500kHz
- Operating temperature: -40°C to 130°C



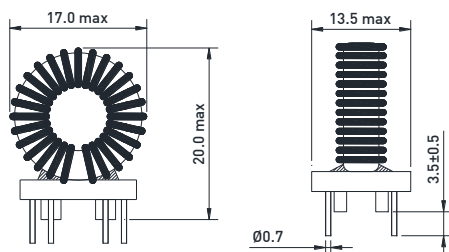
Ordering Code	Turns Ratio	Volt-time product	Primary Inductance	Leakage Inductance	DCR Primary	DCR Sec. 1	DCR Sec. 2
		(V·μsec)	(μH) min	(μH) max	(Ω) typ	(Ω) typ	(Ω) typ
GX-03-001	1:1:1	180	610	0.70	0.22	0.22	0.22
GX-03-002	1:1.3:1.3	150	424	0.70	0.18	0.24	0.24
GX-03-003	1:2:2	110	238	0.50	0.14	0.28	0.28
GX-03-004	1:2.5:2.5	90	152	0.50	0.11	0.28	0.28

Notes

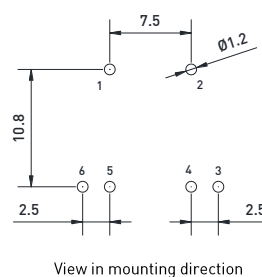
- 1- The volt-time product limits the peak flux density to 0.25 Teslas when used in a bi-polar drive application. Referred to primary.
- 2- Inductance measured at 10kHz/0.1Vac
- 3- Leakage Inductance is measured at primary terminals with all secondaries shorted
- 4- Operating temperature includes component self-heating
- 5- Electrical specifications at 25°C
- 6- Other combinations upon request

Dimensions

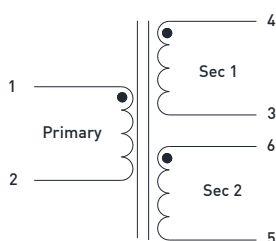
Dimensions in mm



Recommended PCB layout



Schematic



Revised: 25/07/2013

Specifications subject to change without notice