Gate Drive 8 x 2 mm Mini-Case SMD [SBD82 Series]

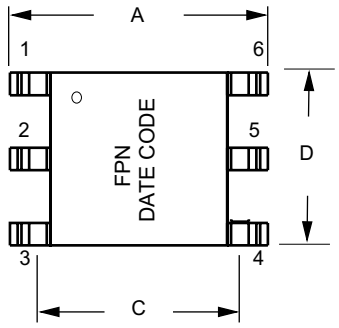
POWER MAGNETIC

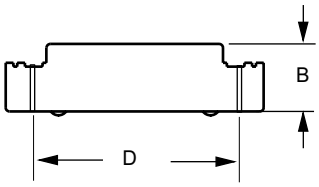
FALCO electronics

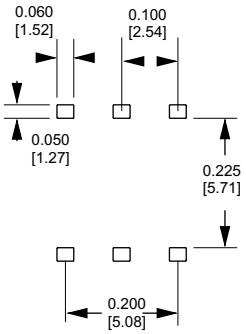
MAX. DIM :
L = 8.63 mm
W= 6.73 mm
H = 2.54 mm

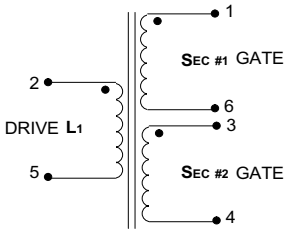
- Surface mounted.
- Frequency range from 50 KHz to 500 KHz.
- Various turns ratio available
- Miniaturized size
- 500 Vrms isolation between gate & drive.

Top View | **Side View** | **PCB Layout (Top)** | **Schematic**









INCHES [mm]

FALCO PART NUMBER	L1 (µH) min.	Freq. (KHz)	Turns Ratio	LL (µH) MAX	DCR (ohms) (Drive) max.	DCR (ohms) (Gate) max	Volts-µsec max	Hipot Vrms 1 sec	A max. in / mm	B max. in / mm	C nom. in / mm	D max. in / mm
T01502	140	10.0	1:1:1	0.500	0.360	0.360	5.20	500	0.340 / 8.63	0.100 / 2.54	0.250 / 6.35	.265/ 6.73
T01508	190	10.0	1:1:1	0.500	0.400	0.400	10.80	500	0.340 / 8.63	0.100 / 2.54	0.250 / 6.35	.265/ 6.73
T01504	37	10.0	1:4	0.500	0.035	0.104	1.95	500	0.340 / 8.63	0.100 / 2.54	0.250 / 6.35	.265/ 6.73

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