100 kHz Switching Transformer

P1 = 45 TURNS #28
S1 = 19 TURNS 2 x #27
S2 = 11 TURNS #32
C1 = 9 TURNS #32

P1 = Primary Winding
S1 = Secondary Winding
S2 = Secondary Winding
C1 = Control Winding

CORE: Mag. Inc. F-42510-EC
0.004 mil gap

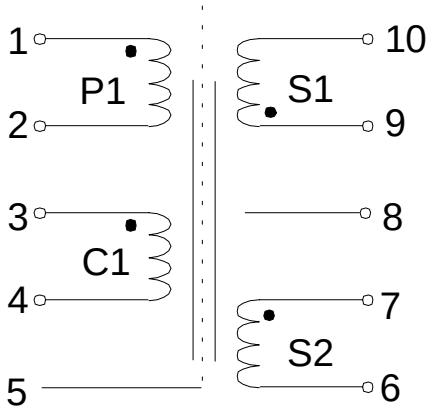
BOBBIN: PCB2510 or equivalent

ISOLATION VOLTAGE:
(S1,S2) to P1 10K VDC MIN.

Inductance Pins 1 - 2 = 535 µH ± 5%

Order of Windings
P1
Tape
Shield
Tape
S1+S2
Tape
C1
Tape

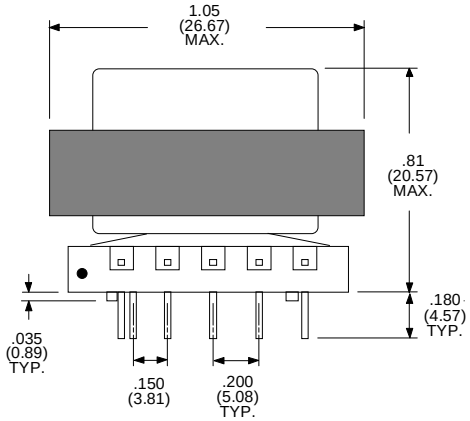
SCHEMATIC DIAGRAM

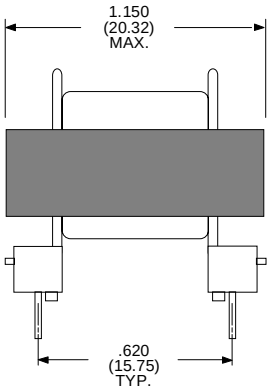


Pin #5 connected to internal electro-static shield.

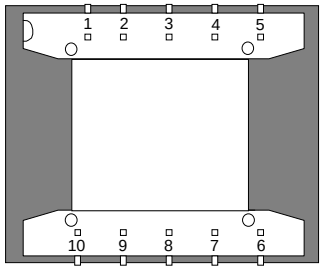
Pin #8 connected to external electro-magnetic shield

PHYSICAL DIMENSIONS All dimensions in inches (mm):





Note: 150" Spacing Only
Between Pins 1 & 2



NOTCH INDICATES
TERMINAL #1

RHOMBUS P/N: T-1165	
CUST P/N:	NAME: 1 OF 1
DATE: 07/02/98	SHEET: 1 OF 1

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