

PULSE TRANSFORMER APT-6000 SERIES

FEATURES:

- Low Profile 6 Pin DIP Package
- Low Leakage Inductance
- Low Interwinding Capacitance
- High Isolation Voltage
- Meets MIL-STD 21038

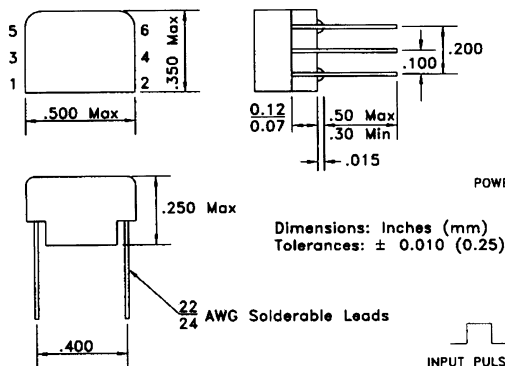
COMMON APPLICATIONS:

- Lan, WDN
- Computers
- SMPS Control Circuit

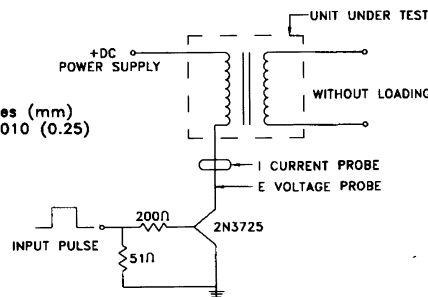
STANDARD SPECIFICATIONS @ 25° C

Part Number	Turns Ratio (± 5%)	Pulse Inductance (µH ±20%)	Leakage Inductance (µH MAX)	Primary ET-Constant (V-us Min)	PRI/SEC CW/W (PF MAX)	Primary DCR (OHMS Max)	Secondary DCR (OHMS Max)	Tertiary DCR (OHMS Max)	HI-POT (VRMS Min)	Package
APT-6000 Series										
APT-6001	1 : 1	10	0.3	3.2	18	0.9	0.9	-	500	A
APT-6002	1 : 1	50	0.4	5.0	21	0.9	0.9	-	500	A
APT-6003	1 : 1	500	0.5	8.5	32	1.3	1.3	-	500	A
APT-6004	1 : 1	2000	0.8	16.0	37	2.5	2.5	-	500	A
APT-6005	1CT : 1CT	50	0.3	5.0	18	0.9	0.9	-	500	B
APT-6006	1CT : 1CT	200	0.4	5.2	18	1.3	1.3	-	500	B
APT-6007	1CT : 1CT	500	0.5	8.5	32	1.3	1.3	-	500	B
APT-6008	1CT : 1CT	2000	0.8	16.0	37	2.5	2.5	-	500	B
APT-6009	2 : 1 : 1	20	0.8	5.0	8	0.9	0.5	0.5	500	C
APT-6010	3 : 1 : 1	200	1.3	5.0	7	0.9	0.4	0.4	500	C
APT-6011	4 : 2 : 1	500	0.9	8.5	13	1.4	0.8	0.5	500	C
APT-6012	4 : 2 : 1	2000	2.5	16.0	20	2.5	1.4	0.8	500	C

PHYSICAL CHARACTERISTICS



TEST CIRCUIT:



TECHNICAL INFORMATION:

- Operating Temperature: -20°C to +70°C
- Storage Temperature: -55°C to +125°C

Note: All specifications subject to change without notice.

SCHEMATICS:

