



International Power Transformers

115/230 V 50/60 Hz

T33 and T34

T33 Series: For Control and Power Supply Applications

Part Number	Size VA	Secondary Connections			
		Parallel		Series	
		VAC	A rms	VAC	A rms
T33-2-10	2.5	5.0	0.5	10.0 CT	0.25
T33-5-10	5	5.0	1.0	10.0 CT	0.5
T33-10-10	10	5.0	2.0	10.0 CT	1.0
T33-20-10	20	5.0	4.0	10.0 CT	2.0
T33-30-10	30	5.0	6.0	10.0 CT	3.0
T33-56-10	56	5.0	11.2	10.0 CT	5.6
T33-2-12	2.5	6.3	0.4	12.6 CT	0.2
T33-5-12	5	6.3	0.8	12.6 CT	0.4
T33-10-12	10	6.3	1.6	12.6 CT	0.8
T33-20-12	20	6.3	3.2	12.6 CT	1.6
T33-30-12	30	6.3	4.8	12.6 CT	2.4
T33-56-12	56	6.3	8.8	12.6 CT	4.4
T33-2-16	2.5	8.0	0.3	16.0 CT	0.15
T33-5-16	5	8.0	0.62	16.0 CT	0.31
T33-10-16	10	8.0	1.25	16.0 CT	0.62
T33-20-16	20	8.0	2.5	16.0 CT	1.25
T33-30-16	30	8.0	3.8	16.0 CT	1.9
T33-56-16	56	8.0	7.0	16.0 CT	3.5
T33-2-20	2.5	10.0	0.24	20.0 CT	0.12
T33-5-20	5	10.0	0.5	20.0 CT	0.25
T33-10-20	10	10.0	1.0	20.0 CT	0.5
T33-20-20	20	10.0	2.0	20.0 CT	1.0
T33-30-20	30	10.0	3.0	20.0 CT	1.5
T33-56-20	56	10.0	5.6	20.0 CT	2.8
T33-2-24	2.5	12.0	0.2	24.0 CT	0.1
T33-5-24	5	12.0	0.42	24.0 CT	0.21
T33-10-24	10	12.0	0.84	24.0 CT	0.42
T33-20-24	20	12.0	1.66	24.0 CT	0.83
T33-30-24	30	12.0	2.5	24.0 CT	1.25
T33-56-24	56	12.0	4.66	24.0 CT	2.33
T33-2-28	2.5	14.0	0.18	30.0 CT	0.09
T33-5-28	5	14.0	0.36	30.0 CT	0.18
T33-10-28	10	14.0	0.72	30.0 CT	0.36
T33-20-28	20	14.0	1.44	30.0 CT	0.72
T33-30-28	30	14.0	2.12	30.0 CT	1.06
T33-56-28	56	14.0	4.0	30.0 CT	2.0
T33-2-36	2.5	18.0	0.14	36.0 CT	0.07
T33-5-36	5	18.0	0.28	36.0 CT	0.14
T33-10-36	10	18.0	0.56	36.0 CT	0.28
T33-20-36	20	18.0	1.12	36.0 CT	0.56
T33-30-36	30	18.0	1.64	36.0 CT	0.82
T33-56-36	56	18.0	3.12	36.0 CT	1.56

T34 Series: For Triple Output Regulated Power Supplies

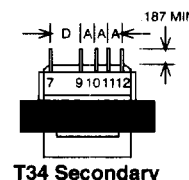
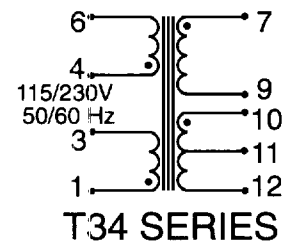
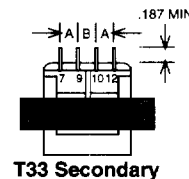
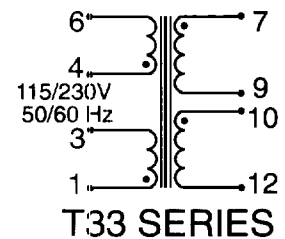
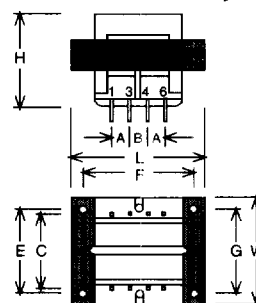
Part Number	Size VA	DC Output#1		DC Output#2	
		VDC	A DC	VDC	mA DC
T34-20-32	20	5	1.25	± 12	150
T34-30-32	30	5	1.75	± 12	210
T34-56-32	56	5	2.8	± 12	350

The T33 and T34 series are low profile power transformers designed to meet US and International Safety Standards - UL, CSA, VDE, IEC-65 - with terminals for PC board applications.

FEATURES: •Meet International Safety Standards •High Isolation (4KVrms Hipot) •Reduced Capacitance •Economical

All specifications are subject to change without notice.

T33 and T34 Primary



DIMENSIONS (Inches)

VA	L	W	H	A*	B	C	D	E	F	G	PINS	WT
2.5	1.625	1.313	1.125	.200	.250	1.000	NA	1.063	NA	NA	.025	.25Lb
5.0	1.625	1.313	1.375	.200	.400	1.000	NA	1.063	NA	NA	.025	.37
10	1.875	1.563	1.375	.200	.400	1.140	NA	1.250	NA	NA	.036	.53
20	2.250	1.875	1.625	.400	.400	1.460	.40	1.500	NA	NA	.036	.90
30	2.625	2.188	1.563	.550	.275	1.680	.55	NA	2.19	1.75	.045	1.15
56	3.000	2.500	1.813	.600	.300	1.900	.60	NA	2.50	2.00	.045	1.70

*For T34 A is 1/2 value shown

Excellence in Magnetics

TeCal

Corporation

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TEC05001

T33 INTERNATIONAL SERIES - CROSS REFERENCES

TECAL P/N	POWER VA	MICROTRAN P/N	PREM P/N	PC XFMR. P/N	SIGNAL P/N
T33-D2.5-10	2.5	PL2.5-10	SPW-1000	VPC3-10	14A-2.5-10
T33-D5-10	5	PL5-10	SPW-1100	VPC4-10	14A-5-10
T33-D10-10	10	PL10-10	SPW-1200	VPC5-10	14A-10-10
T33-D20-10	20	PL20-10	SPW-1300	VPC6-10	14A-20-10
T33-D30-10	30	PL30-10			
T33-D56-10	56	PL56-10			
T33-D2.5-12	2.5	PL2.5-12	SPW-1001	VPC3-12	14A-2.5-12
T33-D5-12	5	PL5-12	SPW-1101	VPC4-12	14A-5-12
T33-D10-12	10	PL10-12	SPW-1201	VPC5-12	14A-10-12
T33-D20-12	20	PL20-12	SPW-1301	VPC6-12	14A-20-12
T33-D30-12	30	PL30-12			
T33-D56-12	56	PL56-12			
T33-D2.5-16	2.5	PL2.5-16	SPW-1002	VPC3-16	14A-2.5-16
T33-D5-16	5	PL5-16	SPW-1102	VPC4-16	14A-5-16
T33-D10-16	10	PL10-16	SPW-1202	VPC5-16	14A-10-16
T33-D20-16	20	PL20-16	SPW-1302	VPC6-16	14A-20-16
T33-D30-16	30	PL30-16			
T33-D56-16	56	PL56-16			
T33-D2.5-20	2.5	PL2.5-20	SPW-1003	VPC3-20	14A-2.5-20
T33-D5-20	5	PL5-20	SPW-1103	VPC4-20	14A-5-20
T33-D10-20	10	PL10-20	SPW-1203	VPC5-20	14A-10-20
T33-D20-20	20	PL20-20	SPW-1303	VPC6-20	14A-20-20
T33-D30-20	30	PL30-20			
T33-D56-20	56	PL56-20			
T33-D2.5-24	2.5	PL2.5-24	SPW-1004	VPC3-24	14A-2.5-24
T33-D5-24	5	PL5-24	SPW-1104	VPC4-24	14A-5-24
T33-D10-24	10	PL10-24	SPW-1204	VPC5-24	14A-10-24
T33-D20-24	20	PL20-24	SPW-1304	VPC6-24	14A-20-24
T33-D30-24	30	PL30-24			
T33-D56-24	56	PL56-24			
T33-D2.5-28	2.5	PL2.5-28	SPW-1005	VPC3-28	14A-2.5-28
T33-D5-28	5	PL5-28	SPW-1105	VPC4-28	14A-5-28
T33-D10-28	10	PL10-28	SPW-1205	VPC5-28	14A-10-28
T33-D20-28	20	PL20-28	SPW-1305	VPC6-28	14A-20-28
T33-D30-28	30	PL30-28			
T33-D56-28	56	PL56-28			
T33-D2.5-36	2.5	PL2.5-36	SPW-1006	VPC6-36	14A-2.5-36
T33-D5-36	5	PL5-36	SPW-1106	VPC4-36	14A-5-36
T33-D10-36	10	PL10-36	SPW-1206	VPC5-36	14A-10-36
T33-D20-36	20	PL20-36	SPW-1306	VPC6-36	14A-20-36
T33-D30-36	30	PL30-36			
T33-D56-36	56	PL56-36			