

Power Transformers

OFF-LINE Switch Mode



ELECTRICAL SPECIFICATIONS-TINY SWITCH FAMILY (at 25°C)

- Units designed to match the application of TNYXXX series, from Power Integration with universal AC input as designated.
- Operating temperature range : 0°C~70°C

PART NUMBER	MATCHED TO IC NO.	PACKAGE	ELECTRICAL SPECIFICATION												
			Vin Vac (50/60Hz)	Vout 1 Vdc	Io (CONT) Amps	Vout 2 Vdc	Io (CONT) Amps	Vout 3 Vdc	Io (CONT) Amps	Vout 4 Vdc	Io (CONT) Amps	Pw (CONT) Watt	Pw (PEAK) Watt	Lp (TYP) μ H	HI-POT (MIN) Vrms
TN254P00	TNY254P	EE13V	62-265	+9	0.17							1.5	4.0	1720	3000
TN254P01	TNY254P	EE16V	65-265	+9	0.34							3.0	4.0	3400	3000
TN254P02	TNY254P	EE16V	65-132	+10	0.3							3.0	5.0	3400	3000
TN254P03	TNY254P	EE16V	65-265	+9	0.34							3.0	4.0	3860	3000
TN254P04	TNY254P	EE16V	85-265	+5	0.6							3.0	4.0	5200	3000
TN254P05	TNY254P	EE16V	100-140	+18	0.19							3.5	5.0	4508	3000
TN254P06	TNY254P	EE19H	96-332	+19	0.21							4.0	4.0	2775	3000
TN254G00	TNY254G	EE16H	170-264	+2.4	0.3							0.75	5.0	3400	3000
TN254P07	TNY254P	EE16V	85-253	+24	0.16							4.0	4.0	5300	3700
TN254P08	TNY254P	EE16V	190-265	+12	0.16							2.0	5.0	3001	3000
TN255P00	TNY255P	EE16V	85-265	+12	0.625							7.5	6.5	3000	3000
TN253P00	TNY253P	EE16V	85-265	+7.5	0.15							1.125	2.0	5000	3000
TN255P01	TNY255P	EE16V	85-265	+15	0.17	-15	0.17					5.0	6.5	1850	3000
TN254P09	TNY254P	EE16V	170-264	+7	0.3							2.1	5.0	3500	1500
TN254P10	TNY254P	EE16V	120/240	+12	0.3							3.0	5.0	3000	3000
TN253G00	TNY253G	EE16V	85-265	+9	0.065							0.6	2.0	2640	3000
TN255P02	TNY255P	EE16V	115/230	+5	1.6							8.0	10.0	2200	3600
TN255P03	TNY255P	EE16V	85-165	+5	1.5							7.5	6.5	4000	3000
TN254P11	TNY254P	EE16V	120-265	+7	0.3							2.1	4.0	3500	3000
TN255P04	TNY255P	EE16V	85-265	+12	0.5							6.0	6.5	2400	3000
TN253P01	TNY253P	EE16V	85-265	+12.6	0.12							1.5	2.0	6000	3000
TN253P02	TNY253P	EE16V	207-253	+5	0.4							2.0	4.0	7403	3000
TN256P00	TNY256P	EE16V	85-265	+5	1.5							7.5	10.0	734	3000
TN256P01	TNY256P	EE16V	90-265	+6.5	1.25							8.0	10.0	1200	3000
TN254P12	TNY254P	EE16V	120-240	+3.3	0.91							3.0	4.0	4200	3000
TN255P05	TNY255P	EE16V	85-265	+10	0.7							7.0	6.5	3540	3000
TN255P06	TNY255P	EE16V	85-265	+24	0.4							9.6	6.5	4000	3000
TN254G01	TNY254G	EE16V	85-265	+7.0	0.6							4.0	4.0	4740	3000
TN254P13	TNY254P	EE16H	85-265	+12	0.05							0.6	4.0	1150	3000
TN254P14	TNY254P	EE16V	85-265	+5.5	0.45							2.5	4.0	3900	3000
TN256P02	TNY256P	EE19V	85-265	+9	0.88							8.0	10.0	950	3000
TN253P03	TNY253P	EE13V	185-265	+5	0.3							1.5	4.0	7403	1000
TN254P15	TNY254P	EE16V	85-265	+5	1.0							5.0	4.0	4000	3000
TN255P07	TNY255P	EE16V	85-265	+5	1.2							6.0	6.5	2443	3000
TN256P03	TNY256P	EE19V	85-265	+6.5	1.25							8.0	10.0	1000	3000
TN256P04	TNY256P	EE16V	85-265	+5.5	1.0							5.5	10.0	750	3000
TN254P16	TNY254P	EF16H	90-265	+6.2	0.65							4.1	4.0	1200	3000
TN254P17	TNY254P	EE16H	85-265	+5	0.48							2.4	4.0	3900	3000
TN254P18	TNY254P	EE16V	170-265	+7	0.42							3.0	5.0	3500	3000
TN254P19	TNY254P	EE16V	170-265	+60	0.016							1.0	5.0	5300	3000
TN254P20	TNY254P	EFD20	85-265	+5	0.48							2.4	4.0	3601	3000
TN255P08	TNY255P	EE16V	85-265	+12	0.5							6.0	6.5	2033	3000
TN254P21	TNY254P	EE16V	160-265	+15	0.2							3.0	5.0	3826	3000

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PART NUMBER	MATCHED TO IC NO.	PACKAGE	ELECTRICAL SPECIFICATION												
			V _{in} Vac (50/60Hz)	V _{out 1} Vdc	I _o (CONT) Amps	V _{out 2} Vdc	I _o (CONT) Amps	V _{out 3} Vdc	I _o (CONT) Amps	V _{out 4} Vdc	I _o (CONT) Amps	P _w (CONT) Watt	P _w (PEAK) Watt	L _p (TYP) μH	HI-POT (MIN) Vrms
TN256P05	TNY256P	EE16V	85-265	+5	1.0	+12	0.1	-12	0.1			7.4	10.0	734	3000
TN254P22	TNY254P	EE16V	85-265	+3.3	0.85							3.0	4.0	3900	3000
TN256P06	TNY256P	EF20V	230	+13.7	1.0							13.7	15.0	1500	3000
TN256P07	TNY256P	EE19V	230	+1.8	0.7	+3.3	1.8	+12	0.25	-1.2	0.25	13.2	15.0	1550	3000
TN256P08	TNY256P	EE19V	85-265	+3.3	3.0							10.0	10.0	1200	3000
TN255P09	TNY255P	EE16V	85-265	+5	0.5	+12	0.1					3.7	6.5	1785	3000
TN265P09	TNY256P	EE16V	230	+12	0.8							10.0	15.0	1500	3000
TN254P23	TNY254P	EE16V	230	+12	0.1	-12	0.1					2.4	5.0	3001	3000
TN254P24	TNY254P	EE16V	90-265	+12	0.1	-12	0.1					2.4	4.0	3200	3000
TN254P25	TNY254P	EE16V	85-265	+5	0.3	+24	0.1					3.9	4.0	5000	3000
TN256P10	TNY256P	EE16V	85-265	+5	0.5	+12	0.2					5.0	10.0	580	3000
TN254P26	TNY254P	EE16V	85-265	+5	0.75							3.75	4.0	1140	3000
TN255P10	TNY255P	EE16V	85-265	+12	0.17							2.0	6.5	669	3000
TN254P27	TNY254P	EE16V	85-265	+15	0.12	+24	0.05					3.0	4.0	3400	3000
TN253G01	TNY253G	EF12.6H	50-100(DC)	+9	0.3							2.7	4.0	2640	3000
TN254G02	TNY254G	EFD15	85-265	+5	0.48							2.4	4.0	9682	3000
TN256P11	TNY256P	EE16V	85-265	+5	0.2	+24	0.2					5.8	10.0	600	3000
TN256Y00	TNY256Y	EE19H	230	+15	0.8							12.0	19.0	1700	3000
TN253G02	TNY253G	EE16V	85-265	+9	0.060	-9	0.055					1.035	2.0	3400	3000
TN256Y01	TNY256Y	EE19V	195-265	+12	1.0							12.0	19.0	1336	3000
TN253P04	TNY253P	EE16V	85-265	+5	0.3							1.5	2.0	6000	3000
TN255P11	TNY255P	EE16V	187-265	+5	0.6	+12	0.6					10.2	10.0	1274	3000
TN254P28	TNY254P	EE16V	65-132	+6	0.3	+9	0.3	+10	0.3			7.5	5.0	3400	3000
TN254P29	TNY254P	EE16V	195-265	+5	0.6	+24	0.05					4.2	5.0	4501	3000
TN256P12	TNY256P	EE19V	190-264	+15	0.53							7.95	15.0	954	3000
TN256Y02	TNY256Y	EE19H	195-265	+18	0.67							12.0	19.0	1638	3000
TN253P05	TNY253P	EE16V	120	+12	0.02							0.25	4.0	1150	3000
TN256P13	TNY256P	EF16V	230	+12	0.8							10.0	15.0	1000	3000
TN254P30	TNY254P	EE16H	85-265	+10	0.25							2.5	4.0	3400	3000
TN264P00	TNY264P	EE13V	85-265	+24	0.125							3.0	6.0	1263	3000
TN255P12	TNY255P	EF16H	195-265	+6	1.0							6.0	10.0	2200	3000
TN264G00	TNY264G	EF12.6H	85-265	+14	0.11	-14	0.11					3.08	6.0	1344	1000
TN254P31	TNY254P	EE16V	85-265	+3.3	0.25	-3.3	0.025					0.9075	4.0	3900	3000
TN264G01	TNY264G	EF12.6H	85-265	+12	0.045	-12	0.035					0.96	6.0	1344	1000
TN266P00	TNY266P	EL16V	85-265	+20	0.3							6.0	6.0	677	3000
TN264G02	TNY264G	EFD15	85-265	+12	0.045	-12	0.035					0.96	3.0	1344	3000
TN264G03	TNY264G	EE16V	85-265	+12	0.045	-12	0.035					0.96	6.0	1344	3000
TN264G04	TNY264G	EF12.6H	85-265	+3.3	0.15	+15	0.045					1.2	6.0	459	3000
TN264G05	TNY264G	EF12.6H	85-265	+9.0	0.13							1.2	6.0	459	3000
TN268P00	TNY268P	EF20H	85-265	+12.0	1.0							12.0	15.0	1004	3000
TN268P01	TNY268P	EE19H	85-265	+5.0	1.5	+24	0.125					10.5	15.0	1004	3000
TN264P01	TNY264P	EE16V	85-265	+3.3	0.225	+12	0.110					2.0	6.0	1344	3000
TN268G00	TNY268G	EE16H	85-265	+24.0	0.4							9.6	15.0	4000	3000
TN264G06	TNY264G	EE13V	207-253	+10.5	0.2							2.1	9.0	3000	3000

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TN264P02	TNY264P	EF12.6H	85-265	+3.3	0.225	+12	0.110					2.0	4.0	770	3000
TN264P03	TNY264P	EF12.6H	85-265	+9.0	0.33							3.0	4.0	1250	3000
TN264G07	TNY264G	EF12.6H	85-265	+16.0	0.16	-16.0	0.16					5.0	6.0	2174	1000
TN264G08	TNY264G	EF12.6H	85-265	+5.0	0.2							1.0	6.0	770	3000
TN264P04	TNY264P	EF12.6H	85-265	+14.0	0.1							1.4	4.0	1174	3000
TN264P05	TNY264P	EF16H	85-265	+5	0.6							3.0	4.0	1329	3000
TN264P06	TNY264P	EF12.6H	85-265	+5	0.1	+15	0.02	-15	0.02			1.1	4.0	770	3000
TN264P07	TNY264P	EF12.6H	85-135	+18	0.28							5.04	9.0	2174	1000
TN264G09	TNY264G	EF12.6H	85-265	+5	0.8							4.0	6.0	2174	1000
TN264G10	TNY264G	EF12.6H	192-288	+12	0.15							1.8	9.0	1281	4000
TN266P01	TNY266P	EF12.6H	85-265	+12	0.55							6.6	9.5	1197	3000