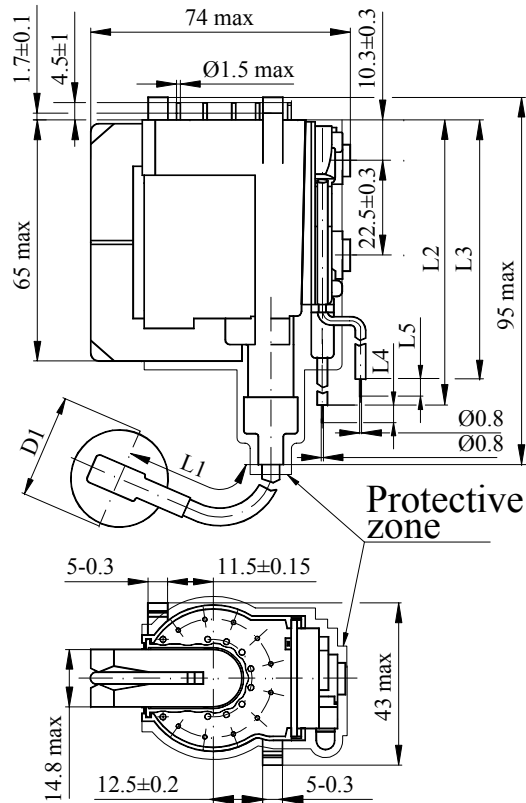
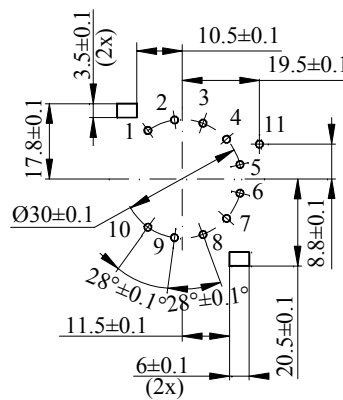


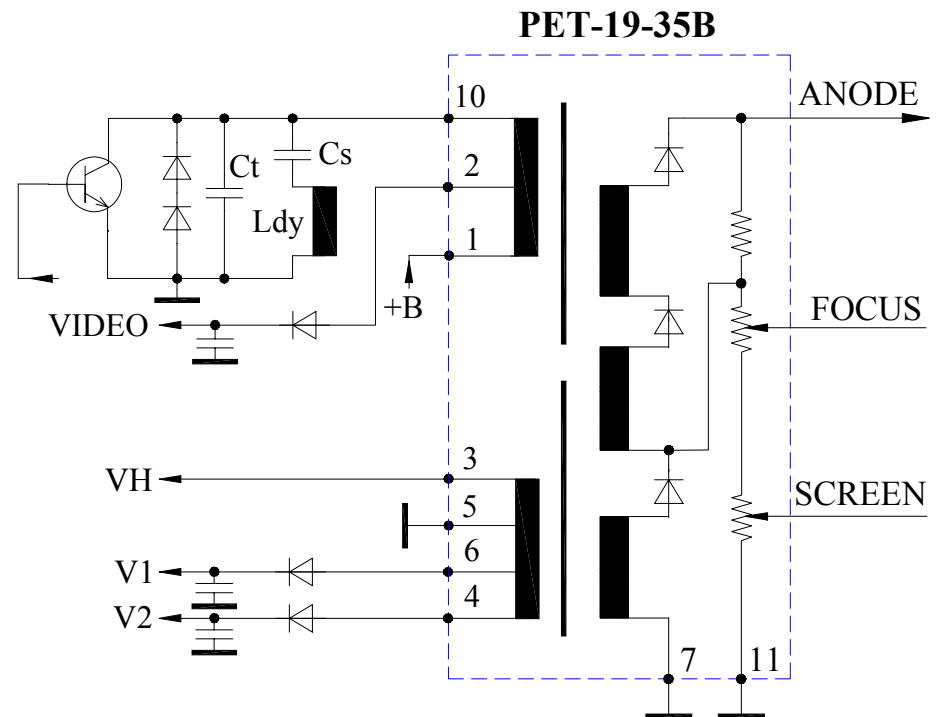
PET-19-XX Mechanical Data



Copper side



PET-19-XX Typical application circuit



Electric circuit may be changed at customer's request.

Standard Models Specifications

Model	L _{FBT} (mH)	+B (Vdc)	EHT (kV)	Beam (mA)	τ (μ s)	Focus (kV)	Screen (kV)	Video (Vdc)	VH (Vrms)	V1 (Vdc)	V2 (Vdc)	V3 (Vdc)	V4 (Vdc)	Earth Pin No.	L _{DY} (mH)	C _T (nF)
PET-19-00	3.2 (3-10)	118	24.0	1.0	11.5	4.8-8.5	0.2-1.2	192 at10k Ω pin 5	6.8 at10 Ω pin 6	27.5 at140 Ω pin 9				7,8,11	2.2	8.2
PET-19-01	3.0 (1-10)	118	24.0	0.8	11.2	5.6-8.3	0.2-1.3	187 at 9k Ω pin 2	7.4 at11.3 Ω pin 3	120 at 120k Ω pin 8	27.4 at124 Ω pin 4			5,7,11	2.2	8.2
PET-19-03	2.97 (1-10)	125	26.0	1	11.2	5.4-9.0	0.3-1.4	205 at10k Ω pin 2	7.3 at11.3 Ω pin 3	113 at120k Ω pin 8	26.8 at124 Ω pin 4			5,7,11	2.2	8.2
PET-19-04	3.1 (1-9)	102	23.7	1.0	11.2	4.3-6.8	0.2-1.5	169 at8.5k Ω pin 5	6.9 at10 Ω pin 6	51.0 at50k Ω pin 3	7.5 at17 Ω pin 2	24.2 at150 Ω pin 10		4,7,11	2.45	6.8
PET-19-06	3.0 (1-9)	106	23.7	1.0	11.0	5.7-8.5	0.2-1.5	170 at8.5k Ω pin 5	7.2 at10 Ω pin 6	55.0 at50k Ω pin 3	7.8 at17 Ω pin 2	25.0 at150 Ω pin 10		4,7,11	2.0	7.5
PET-19-08	3.0 (6-8)	115	25.8	1.0	11.9	5.5-9.0	0.2-1.3	196 at10k Ω pin 5	7.4 at10 Ω pin 3	43.5 at4k Ω pin 9	17.1 at45 Ω pin 1			4,7,10, 11	2.2	8.6
PET-19-13	3.2 (9-1)	102	19.6	0.7	11.2	4.0-6.9	0.2-1.2	161 at9k Ω pin 5	6.3 at10 Ω pin 6	48.2 at120k Ω pin 3	22.7 at130 Ω pin 10			4,7,11	2.5	7.2
PET-19-15	3.1 (6-9)	102	23.3	0.8	11.3	4.3-8.8	0.2-1.5	185 at10k Ω pin 3	7.1 at10 Ω pin 1	57.0 at50k Ω pin 10	25.2 at170 Ω pin 4	13.0 at50 Ω pin 5		2,7,8,11	2.45	7.0



VILNIAUS VINGIS

Model	L _{FBT} (mH)	+B (Vdc)	EHT (kV)	Beam (mA)	τ (μ s)	Focus (kV)	Screen (kV)	Video (Vdc)	VH (Vrms)	V1 (Vdc)	V2 (Vdc)	V3 (Vdc)	V4 (Vdc)	Earth Pin No.	L _{DY} (mH)	C _T (nF)
PET-19-18	3.27 (4-2)	115	23.8	1.0	11.6	5.8-8.2	0.2-1.4	178 at 9k Ω pin 1	6.7 at10 Ω pin 10	102 at120k Ω pin 3	25.0 at130 Ω pin 5			7,8,11	2.35	7.7
PET-19-18B	3.27 (4-2)	115	23.8	1.0	11.6	5.8-8.2	0.2-1.4	178 at 9k Ω pin 1	6.7 at10 Ω pin 10	102 at120k Ω pin 3	25.0 at130 Ω pin 5			7,8,11	2.35	7.7
PET-19-21	3.75 (2-10)	115	22.5	1.0	11.7	4.4-7.7	0.2-1.3	207 at10k Ω pin 5	6.7 at10 Ω pin 6					7,8,11	2.2	8.2
PET-19-22	3.1 (8-9)	124	24.3	1.0	11.8	4.8-8.5	0.2-1.3	212 at20k Ω pin 3	7.1 at10 Ω pin 1	-64 at51k Ω pin 4	26.8 at90 Ω pin 5			2,7,10, 11	2.1	9.1
PET-19-23	3.0 (8-9)	110	22.0	1.0	11.5	5.3-7.9	0.2-1.4	182 at18k Ω pin 3	6.0 at10 Ω pin 1	-50 at50k Ω pin 4	23.5 at80 Ω pin 5			2,7,10, 11	2.45	8.2
PET-19-24	3.2 (3-10)	110	23.8	1.0	10.8	5.0-8.3	0.2-1.4	195 at9.5k Ω pin 5	7.2 at10 Ω pin 6	13.0 at80 Ω pin 4	28.5 at90 Ω pin 2			7,8,9,11	2.2	6.8
PET-19-25	2.95 (1-10)	114	24.1	0.7	11.7	5.6-8.8	0.2-1.5	190 at6.3k Ω pin 2	6.9 at10 Ω pin 3	105 at120k Ω pin 8	15.5 at35 Ω pin 4	25.5 at100 Ω pin 6		5,7,11	2.45	8.2
PET-19-26	3.3 (3-10)	115	24.25	0.9	11.1	4.8-8.4	0.2-1.2	198 at 10k Ω pin 4	7.8 at10 Ω pin 6	25.8 at140 Ω pin 9				7,8,11	2.1	7.5
PET-19-28	3.56 (8-10)	115	24.2	0.8	11.3	5.6-8.7	0.2-1.5	205 at20k Ω pin 5	6.6 at10 Ω pin 1	51.0 at50k Ω pin 4	27.0 at90 Ω pin 2			3,6,7,11	2.2	7.6



VILNIAUS VINGIS

Model	L _{FBT} (mH)	+B (Vdc)	EHT (kV)	Beam (mA)	τ (μ s)	Focus (kV)	Screen (kV)	Video (Vdc)	VH (Vrms)	V1 (Vdc)	V2 (Vdc)	V3 (Vdc)	V4 (Vdc)	Earth Pin No.	L _{DY} (mH)	C _T (nF)
PET-19-29	3.60 (3-10)	115	24.5	1.0	10.8	5.0-9.0	0.2-1.5	216 at10k Ω pin 1	7.2 at10 Ω pin 6	190 at200k Ω pin 5				7,8,11	2.0	7.5
PET-19-31	3.25 (10-9)	135	25.5	1.0	12.0	5.4-8.9	0.2-1.2	173 at10 k Ω pin 5	7.2 at 10 Ω pin 3	125.0 at50k Ω pin 2	15.1 at 120 Ω pin 1	30.7 at140 Ω pin 4		6,7,11	2.5	8.6
PET-19-33B	3.0 (1-10)	126	25.3	1.0	11.5	5.0 – 8.8	0.2 – 1.2	203 at10 k Ω pin 2	7.1 at 10 Ω pin 3	102 at80 k Ω pin 8	15.6 at 60 Ω pin 6	46.7 at 4 k Ω pin 4		5,7,11	2.2	8.6
PET-19-35B	3.0 (1-10)	126	25.3	1.0	11.5	5.0 – 8.8	0.2 – 1.2	203 at10 k Ω pin 2	7.1 at 10 Ω pin 3	15.6 at 60 Ω pin 6	46.7 at 4 k Ω pin 4			5,7,11	2.2	8.6
PET-19-37	3.3 (3-10)	115	24.9	1.0	11.0	5.0-8.3	0.2-1.3	197.5 at 10k Ω pin 1	7.7 at10 Ω pin 9	-12.4 at 60 Ω pin 4	8.8 at 40 Ω pin 3	12.3 at 60 Ω pin 2		4,7,8,11	2.2	6.8
PET-19-41	3.05 (6-8)	130	26.8	1.0	11.8	5.7-9.5	0.2-1.3	199 at 10k Ω pin 5	7.3 at10 Ω pin 3	45.6 at 4 k Ω pin 9	16.4 at 45 Ω pin 1			4,7,10, 11	2.5	8.6
PET-19-A2B	2.27 (6-10)	95	23.4	1.0	11.8	4.8-8.2	0.2-1.2	161 at10k Ω pin 1	8.75 at10 Ω pin 9	6.7 at4k Ω pin 4	13.9 at60 Ω pin 3	26.9 at120 Ω pin 2		5,7,8,11	2.2	8.2