

FAST THYRISTOR MODULES

RUSSIA

You Imagine – We Realize

Type of modules	Baseplate width mm	V_{DRM}/V_{RRM} V $T_{j\max}$ 180° el sin	I_{TAV} A 180° el sin (T_C , °C)	I_{TSM} A 10 ms $T_{j\max}$	$(di/dt)_{cr}$ A/ μ S	$T_{j\max}$ °C	V_{TM} V 25°C $I_{TM} = \pi I_{TAV}$	$V_{T(RO)}$ V $T_{j\max}$	r_T m Ω $T_{j\max}$	$(dv/dt)_{cr}$ V/ μ S $T_{j\max}$	t_q μ S max	Q_{rr} μ C typ	R_{thjc} °C/W DC	R_{thch} °C/W DC per arm
Package – A														
MTFx-400-15-A	60	800÷1500	400 (70)	10.0	2000	125	1.90	1.20	0.65	1000	16.0 20.0 25.0	250	0.075	0.020
MTFx-250-22-A	60	1500÷2200	250 (90)	5.5	2000	125	2.00	1.40	0.80	1000	20.0 25.0 32.0	300	0.075	0.020
Package – C														
MTFx-160-11-C	53	800÷1100*	160 (85)	4.5	1600	125	1.90	1.50	1.25	1000	6.3 8.0 10.0	85	0.124	0.040
MTFx-200-11-C	53	800÷1100*	200 (83)	5.0	1600	125	2.10	1.30	0.90	1000	8.0 10.0 12.5	100	0.124	0.040
Package – D														
MTFx-400-22-D	77	1500÷2200	400 (85)	13.0	2000	125	2.00	1.50	0.50	1000	20.0 25.0 32.0	400	0.050	0.008
MTFx-630-15-D	77	800÷1500	630 (70)	14.0	2000	125	1.80	1.20	0.40	1000	16.0 20.0 25.0	350	0.050	0.008
Package – E														
MTFx-400-22-E	70	1500÷2200	400 (90)	13.5	2000	125	2.00	1.50	0.50	1000	20.0 25.0 32.0	400	0.043	0.010
MTFx-630-15-E	70	800÷1500	630 (75)	15.0	2000	125	1.80	1.20	0.40	1000	16.0 20.0 25.0	350	0.043	0.010
Package – F														
MTFx-125-12-F	34	800÷1200	125 (85)	2.50	1000	125	1.75	1.20	1.80	1000	6.3 10.0 12.5	150	0.180	0.060

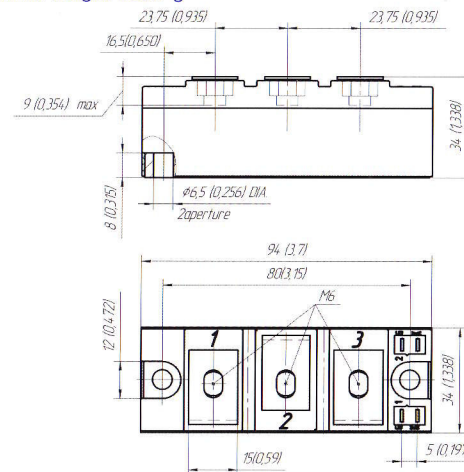
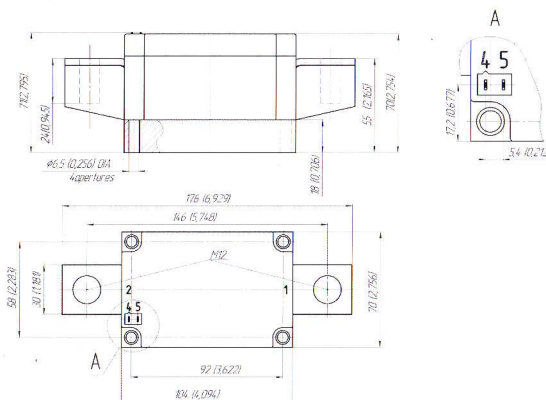
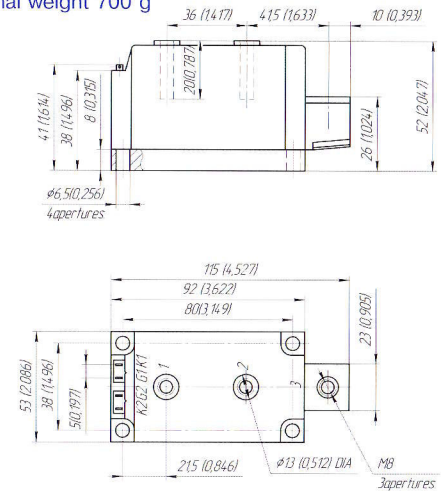
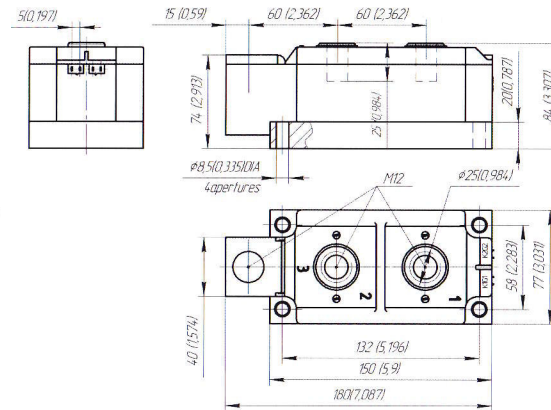
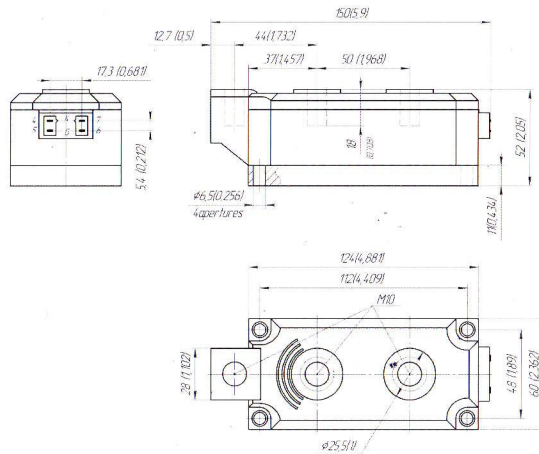
* – higher voltage class upon request

Proton-Electrotex is able to produce any type of module with all possible circuit schematic based on our wide range of thyristors and modules

JSC "PROTON-ELECTROTEX"

19, Leskova str., 302027, Orel, RUSSIA. Fax : +7 (4862) 41-00-56. Phones : +7 (4862) 43-41-39, 43-41-40

E-mail: sales@eletex.ru, export@eletex.ru



All dimensions in millimeters (inches)