



JST10A-600BW 10A TRIAC

Rev.A.1.1

10A -600V AC

TO-220F tip

10A

10A

10A -600V AC

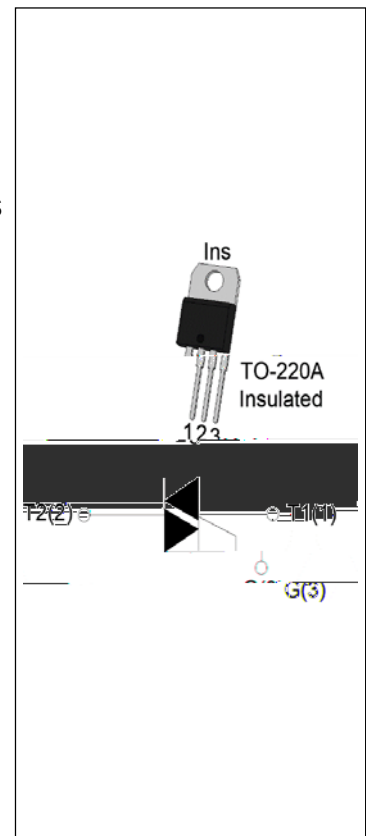
TO-220F tip

10A -600V AC

TO-220F tip

10A -220A is 10A

S



Symbol	Value	Unit
I_{GT}	10	A
V_{DRM} / V_{RM}	600	V
$I_{GT} / /$	50/50/50	A

Parameter	Symbol	Value	Unit
Storage temperature	T_B	-40-150	
Junction temperature	T_j	-40-125	
Peak reverse voltage V_{DRM} (T _j =25℃)	V_{DRM}	600	V
Peak forward voltage V_{FM} (T _j =25℃)	V_{FM}	600	V
Peak forward current I_{FM} (T _j =25℃, t _c ≤93s)	I_{FM}	10	A
Non-repetitive peak forward current I_{TSM} (T _j =25℃, t _p =20ms)	I_{TSM}	100	A
Repetitive peak forward current I_{TSM} (T _j =25℃, t _p =16.6ms)		110	
Forward surge current I^2t (T _j =25℃, t _p =10ms)	I^2t	50	A ² s
Gate trigger current I_{GT} (I _G =2×I _{GT} , f=100Hz, T _j =125℃)	I_{GT}	100	A/μs
Gate trigger pulse current I_{GTM} (t _p =20μs, T _j =125℃)	I_{GTM}	4	A
Gate trigger power $P_{G(AV)}$ (T _j =125℃)	$P_{G(AV)}$	0.5	W

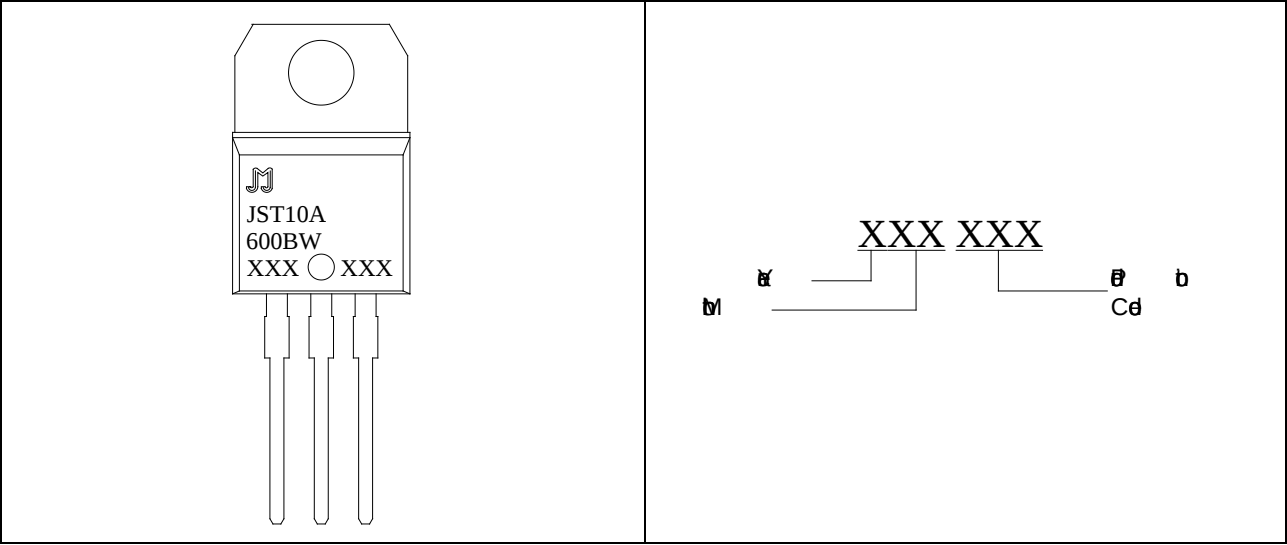
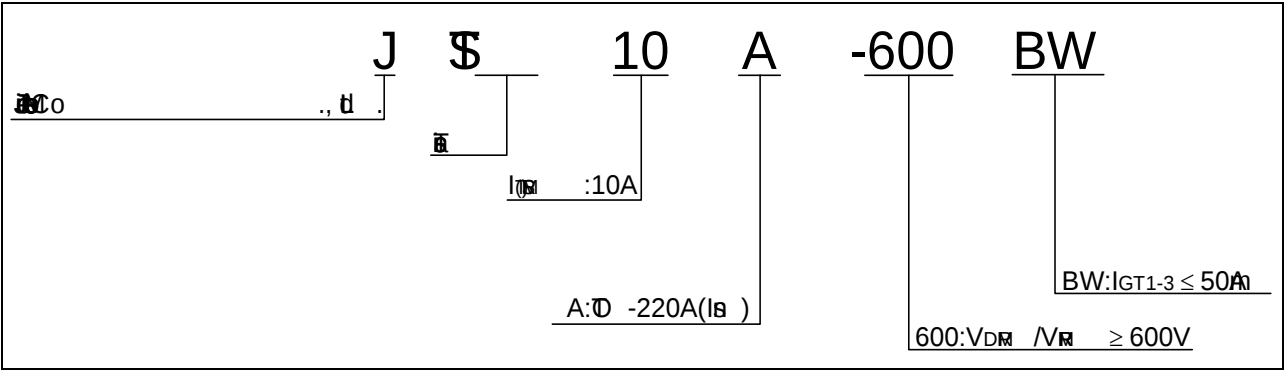
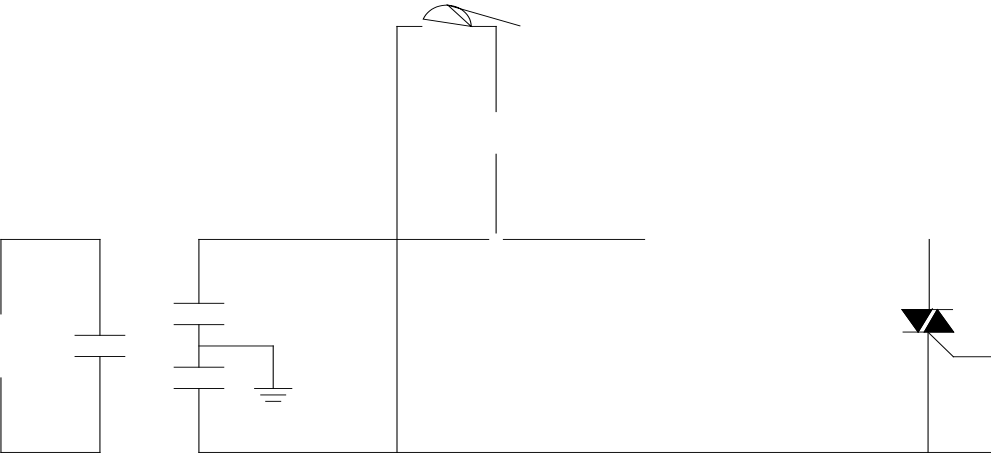


FIG.1:  
0

SS g 22p in (F)-716 (IG.1)T 0 0 W.489 0 d [-]-9.852 -0.001 017 0.614 2(33.7)146696.9 (11.6 (1)6. 0 0 W. [3 0 1 133.764[16

FIG.7 600BWEC

-61000-4-5 4



Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST10A-600BW	600	50	TO-220A(Ins)	50	Tube

Document Revision History

Da	R	Cb
Ap .11, 2023	A.1.0	th
Q 3, 2025	A.1.1	Rb PACKAGE EXCHANGE DATA

