

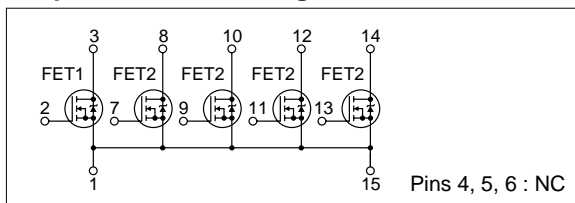
Absolute maximum ratings

($T_a=25^\circ\text{C}$)

Symbol	Ratings		Unit
	FET 1	FET 2	
V_{bss}	150		V
V_{gss}	+20, -10		V
I_D	± 5	± 7	A
I_D (pulse)*1	± 10	± 15	A
P_T	5 ($T_a=25^\circ\text{C}$, with all circuits operating, without heatsink)		W
	43 ($T_c=25^\circ\text{C}$, with all circuits operating, with infinite heatsink)		W
θ_{j-a}	25 (Junction-Air, $T_a=25^\circ\text{C}$, with all circuits operating)		$^\circ\text{C/W}$
θ_{j-c}	2.91 (Junction-Case, $T_c=25^\circ\text{C}$, with all circuits operating)		$^\circ\text{C/W}$
V_{iso}	1000 (Between fin and lead pin, AC)		Vrms
T_{ch}	150		$^\circ\text{C}$
T_{stg}	-40 to +150		$^\circ\text{C}$

*: $PW \leq 100\mu\text{s}$, $duty \leq 50\%$

Equivalent circuit diagram



Characteristic curves

