

EMH2417R

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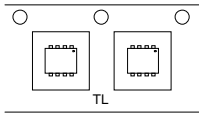
Parameter	Symbol	Conditions	Value			Unit
			min	typ	max	
Turn-ON Delay Time	$t_{d(on)}$	See specified Test Circuit.		470		ns
Rise Time	t_r			1600		ns
Turn-OFF Delay Time	$t_{d(off)}$			8900		ns
Fall Time	t_f			6400		ns
Total Gate Charge	Q_g	$V_{DS}=6V, V_{GS}=4.5V, I_D=11A$		16		nC
Gate to Source Charge	Q_{gs}			3		nC
Gate to Drain "Miller" Charge	Q_{gd}			5		nC
Forward Diode Voltage	V_{SD}	$I_S=11A, V_{GS}=0V$		0.8	1.2	V

Product parametric performance is indicated in the Electrical Characteristics for the listed test conditions, unless otherwise noted. Product performance may not be indicated by the Electrical Characteristics if operated under different conditions.

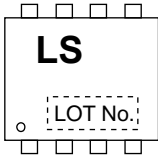
Ordering & Package Information

Device	Package	Shipping	note
EMH2417R-TL-H	EMH8	3,000 pcs. / reel	Pb-Free and Halogen Free

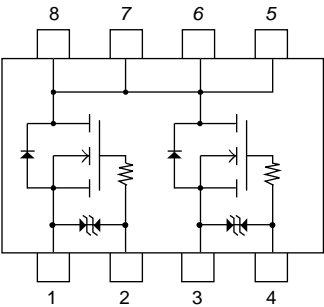
Packing Type:TL



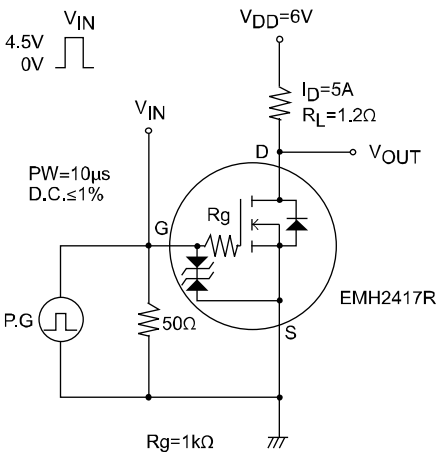
Marking

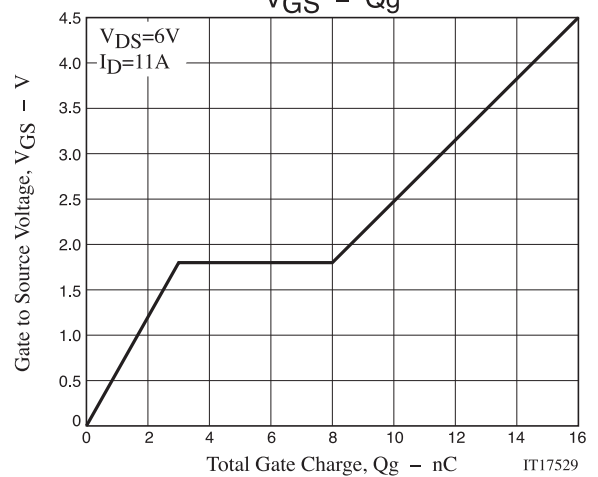
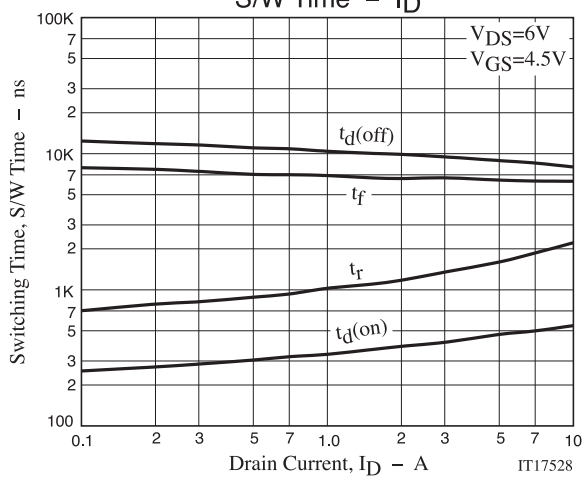
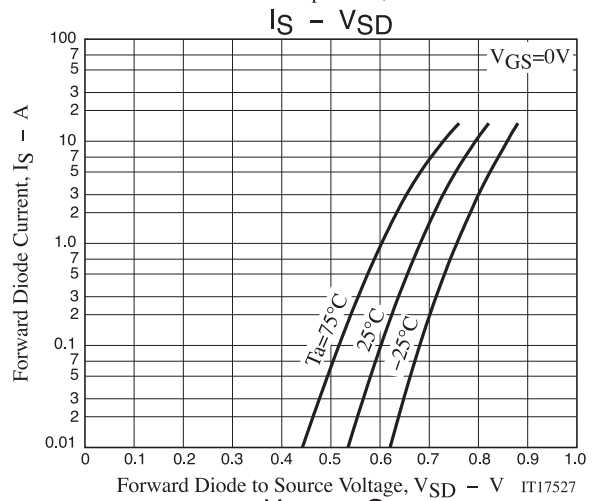
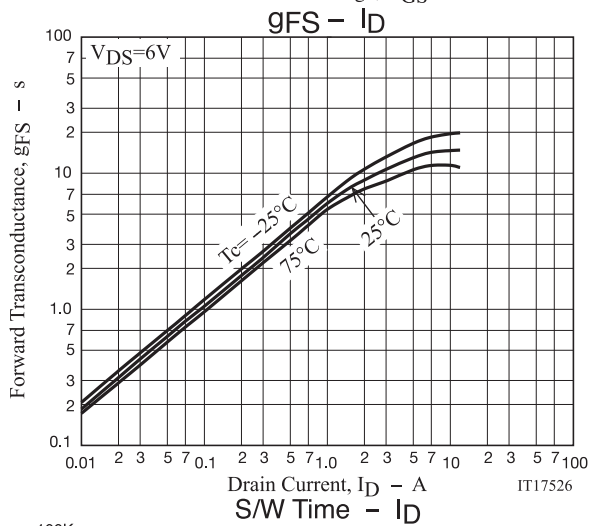
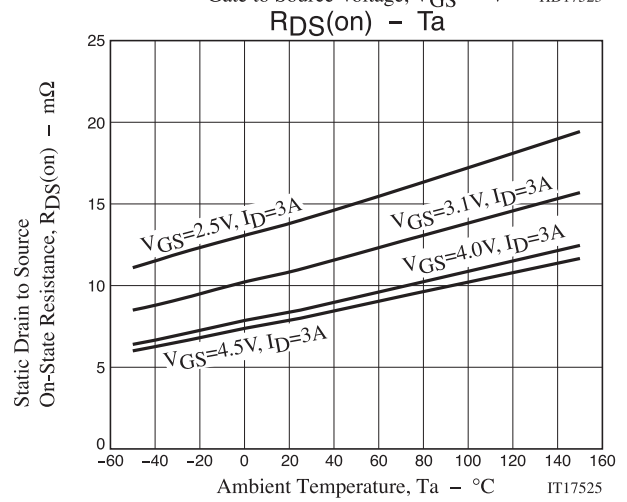
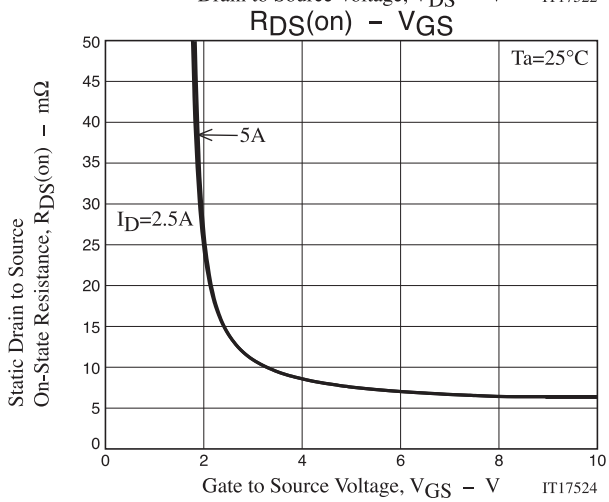
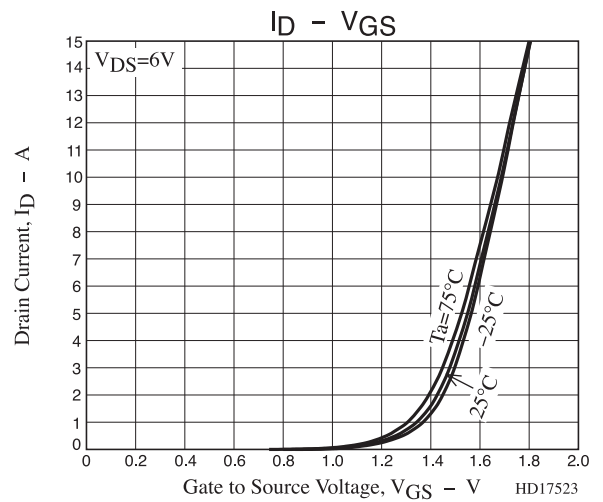
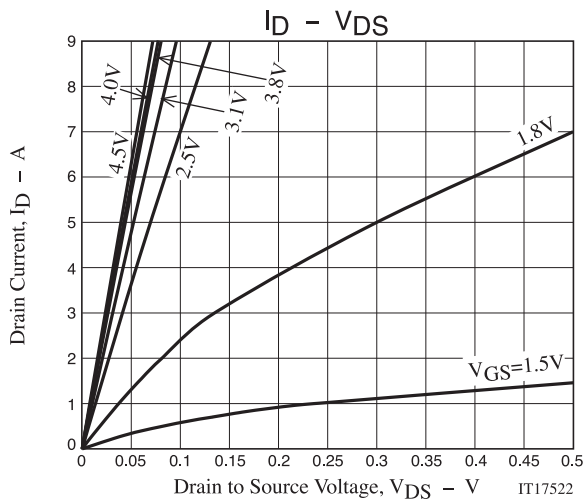


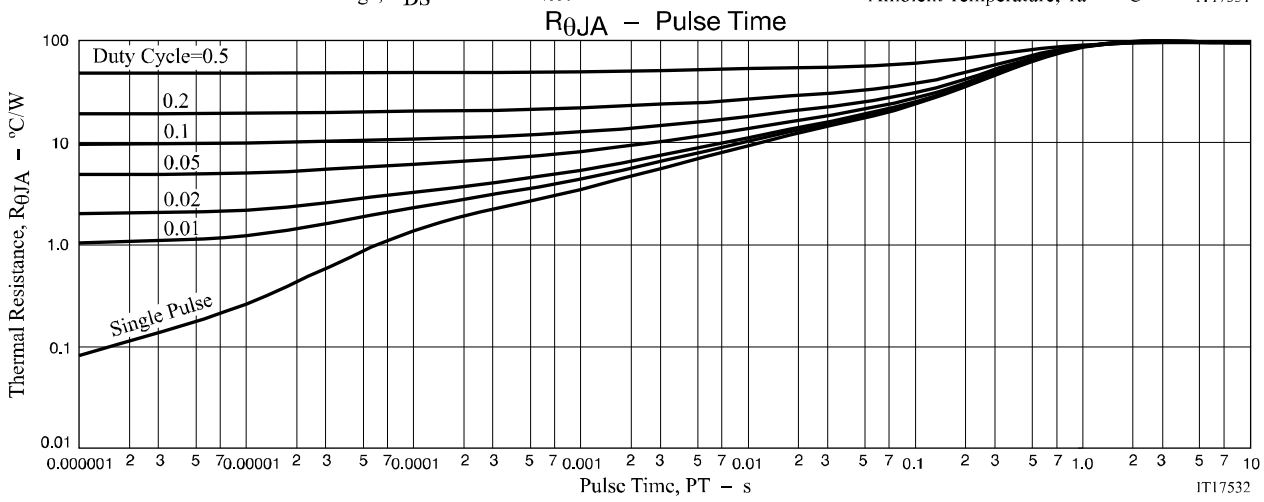
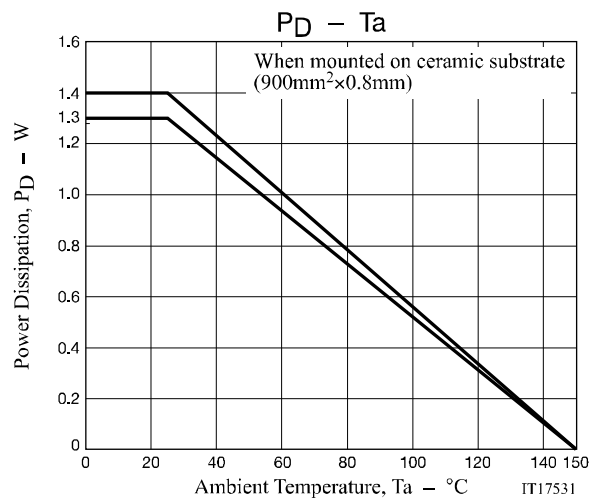
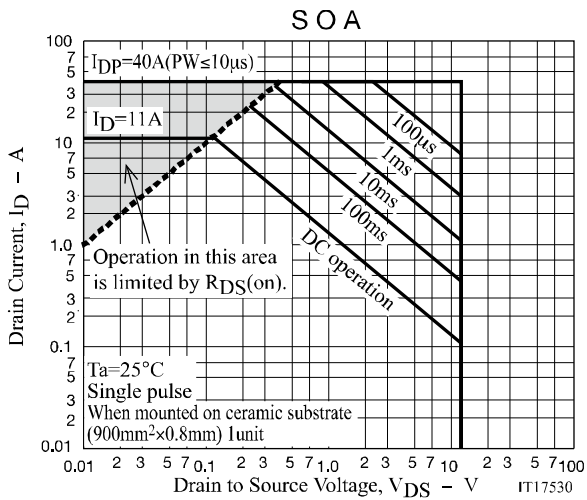
Electrical Connection



Switching Time Test Circuit







Package Dimensions

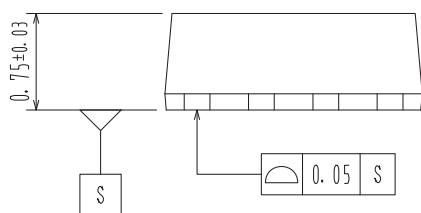
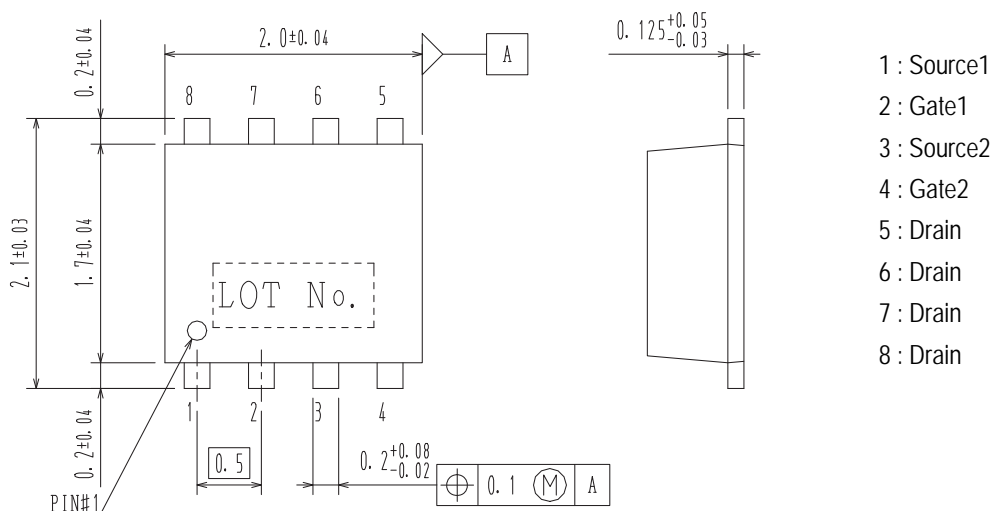
EMH2417R-TL-H

unit : mm

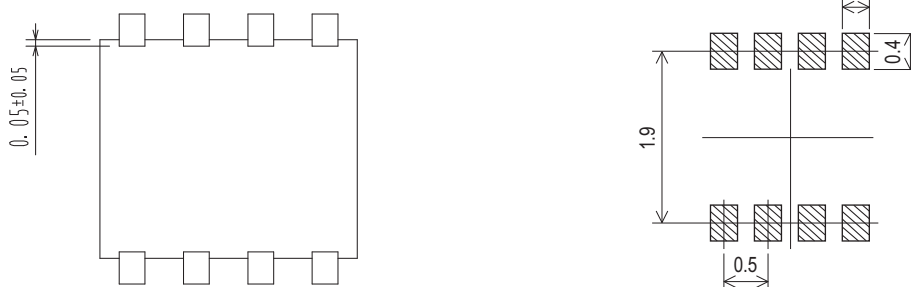
SOT-383FL / EMH8

CASE 419AT

ISSUE O



Recommended Soldering Footprint



Note on usage : Since the EMH2417R is a MOSFET product, please avoid using this device in the vicinity of highly charged objects.

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