

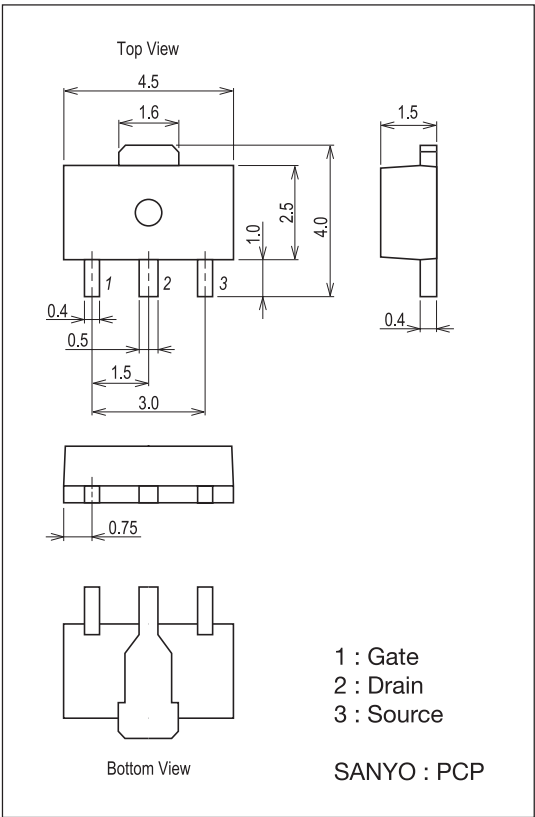
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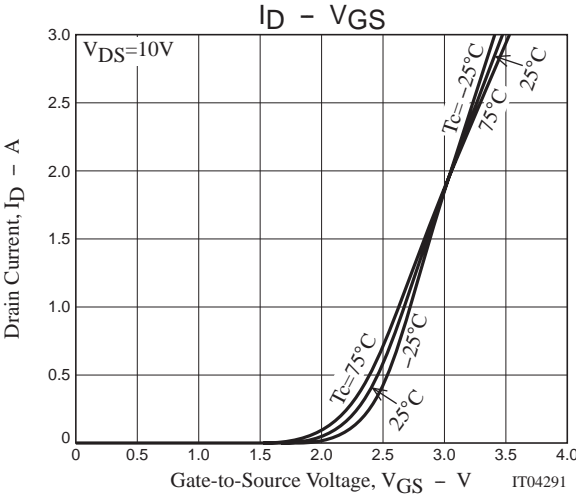
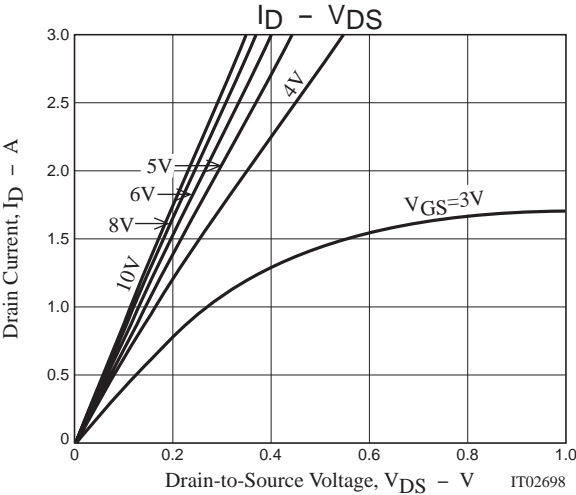
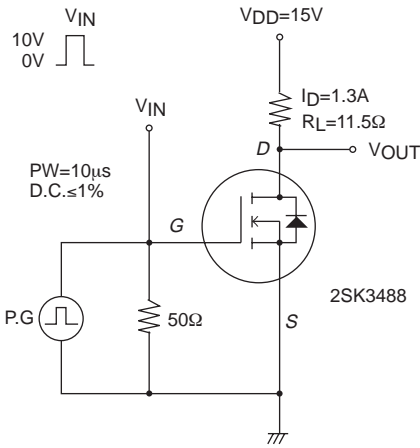
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Input Capacitance	Ciss	V _{DS} =10V, f=1MHz		120		pF
Output Capacitance	Coss	V _{DS} =10V, f=1MHz		30		pF
Reverse Transfer Capacitance	Crss	V _{DS} =10V, f=1MHz		15		pF
Turn-ON Delay Time	t _{d(on)}	See specified Test Circuit.		6		ns
Rise Time	t _r	See specified Test Circuit.		5		ns
Turn-OFF Delay Time	t _{d(off)}	See specified Test Circuit.		17		ns
Fall Time	t _f	See specified Test Circuit.		5		ns
Total Gate Charge	Q _g	V _{DS} =10V, V _{GS} =10V, I _D =2.5A		3.6		nC
Gate-to-Source Charge	Q _{gs}	V _{DS} =10V, V _{GS} =10V, I _D =2.5A		0.6		nC
Gate-to-Drain "Miller" Charge	Q _{gd}	V _{DS} =10V, V _{GS} =10V, I _D =2.5A		0.5		nC
Diode Forward Voltage	V _{SD}	I _S =2.5A, V _{GS} =0V		0.9	1.2	V

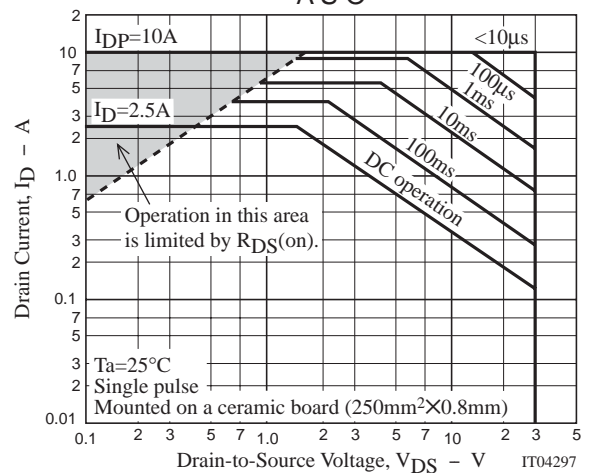
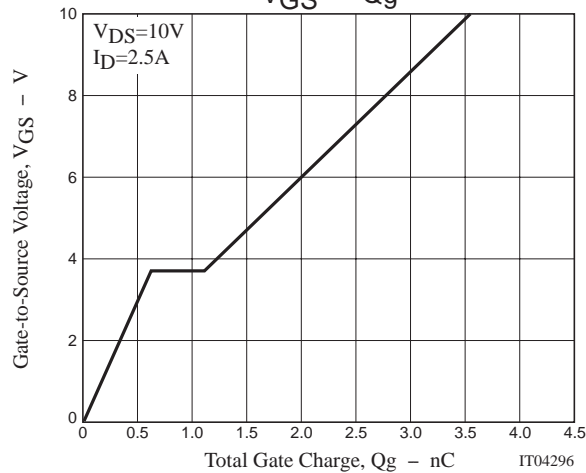
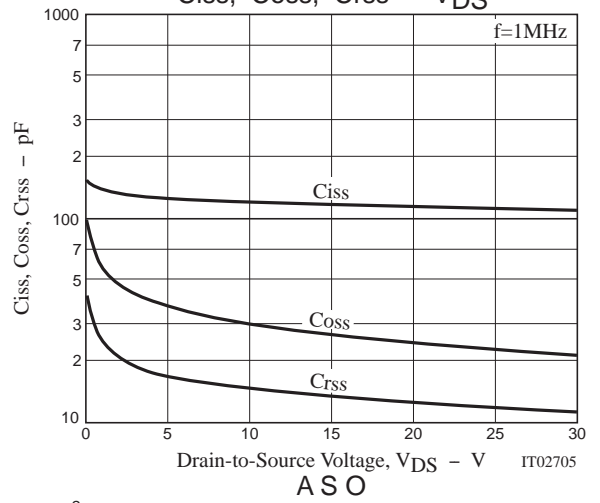
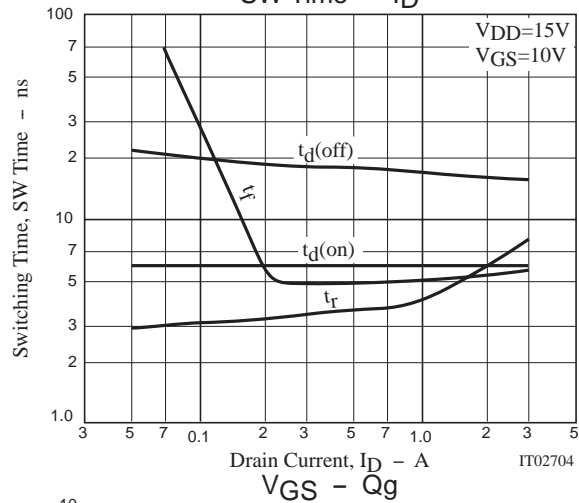
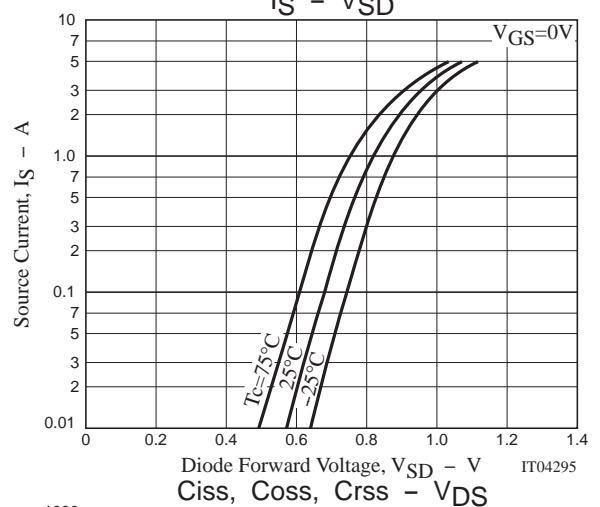
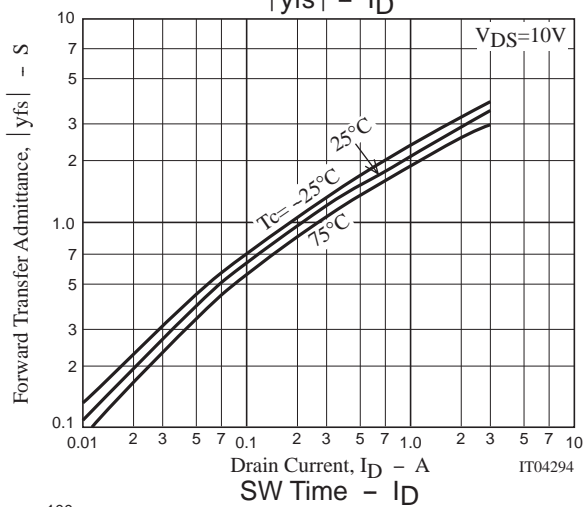
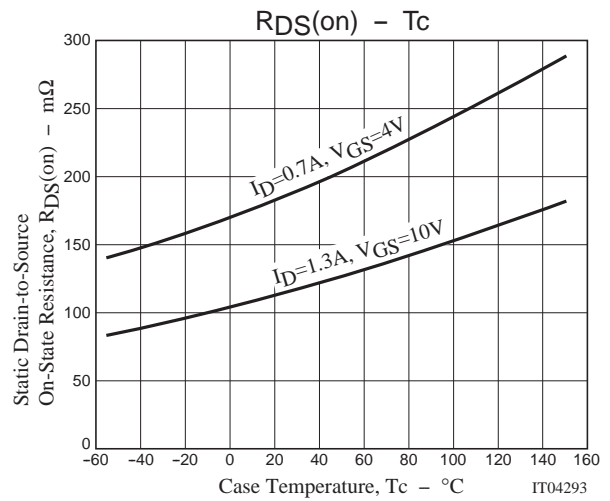
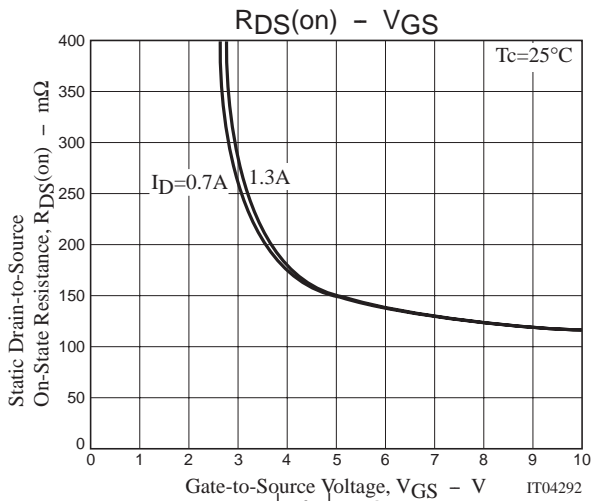
Package Dimensions

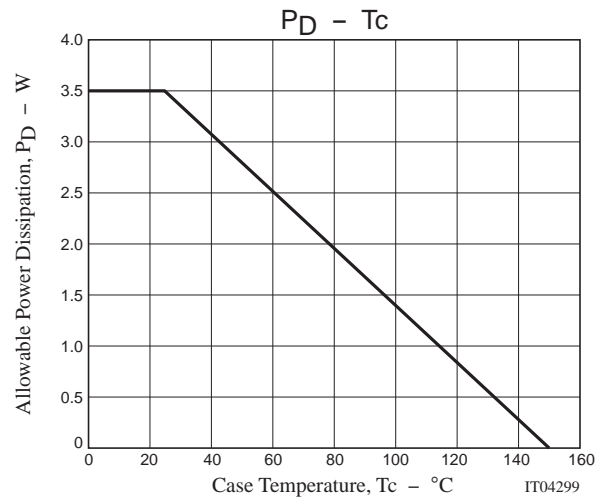
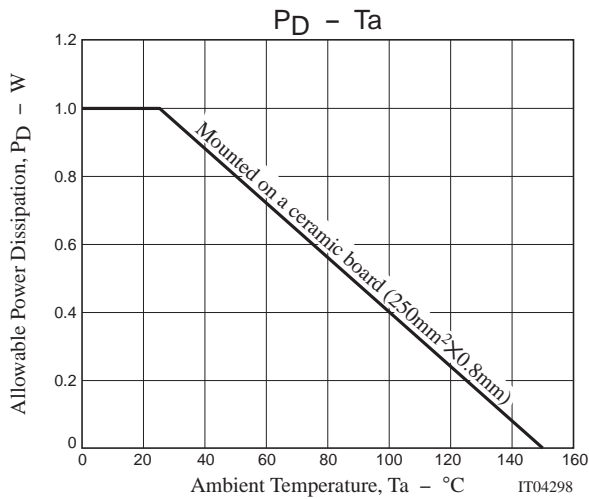
unit : mm (typ)
7007B-003



Switching Time Test Circuit







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