



## ■ パワーMOSFET Power MOSFET

### F-II / FAP-II シリーズ F-II / FAP-II series

高速スイッチング/アバランシェ耐量保証 High speed switching / Avalanche rated

形式 Device type	V <sub>DSS</sub> Volts	I <sub>D</sub> Amps.	I <sub>D</sub> (pulse) Amps.	R <sub>DS(on)</sub> Max. * <sup>1</sup> Ohms (Ω)	P <sub>D</sub> * <sup>2</sup> Watts	V <sub>GSS</sub> Volts	V <sub>GS(th)</sub> Typ. Volts	パッケージ Package	質量 Net mass Grams
2SK2519-01	200	10	40	0.4	40	±30	3.5	TO-220AB	2.0
2SK2520-01MR	200	10	40	0.4	30	±30	3.5	TO-220F	2.0
2SK2521-01	200	18	72	0.18	50	±30	3.5	TO-220AB	2.0
2SK2522-01MR	200	18	72	0.18	40	±30	3.5	TO-220F	2.0
2SK2849-01L, S	200	18	72	0.18	50	±30	3.5	T-pack	1.6
2SK2469-01MR	300	5	20	1.0	30	±30	4.0	TO-220F	2.0
2SK2470-01MR	300	10	40	0.53	40	±30	4.0	TO-220F	2.0
2SK2471-01	300	10	40	0.53	80	±30	4.0	TO-3P	5.5
2SK2473-01	300	20	80	0.2	125	±30	4.0	TO-3P	5.5
2SK1006-01MR	450	5	14	1.6	40	±30	3.5	TO-220F	2.0
2SK1007-01	450	5	14	1.6	60	±30	3.5	TO-220AB	2.0
2SK2523-01	450	9	36	1.0	50	±30	3.5	TO-220AB	2.0
2SK2524-01MR	450	9	36	1.0	40	±30	3.5	TO-220F	2.0
2SK2525-01	450	9	36	1.0	80	±30	3.5	TO-3P	5.5
2SK1008-01	500	4.5	12	2.2	60	±30	3.5	TO-220AB	2.0
2SK1014-01	500	12	36	0.74	125	±30	3.5	TO-3P	5.5
2SK2695-01	700	5	20	1.85	60	±30	3.5	TO-220AB	2.0
2SK2696-01MR	700	5	20	1.85	50	±30	3.5	TO-220F	2.0
2SK951-MR	800	2.5	7	7.0	40	±30	3.5	TO-220F	2.0
2SK952	800	2.5	7	7.0	45	±30	3.5	TO-220AB	2.0
2SK1552-01L, S	800	4	10	4.5	60	±30	3.5	T-pack	1.6
2SK2397-01MR	800	5	20	2.3	50	±30	3.5	TO-220F	2.0
2SK2526-01	900	5	20	3.6	60	±30	3.5	TO-220AB	2.0
2SK2527-01MR	900	5	20	3.6	40	±30	3.5	TO-220F	2.0
2SK2528-01	900	5	20	3.6	80	±30	3.5	TO-3P	5.5

\*<sup>1</sup> R<sub>DS(on)</sub>: V<sub>GS</sub>=10V, \*<sup>2</sup> P<sub>D</sub>: T<sub>C</sub>=25°C

#### 記号 Letter symbols

V<sub>DSS</sub>: ドレイン・ソース電圧

Drain-source voltage

I<sub>D</sub>: ドレイン電流

Continuous drain current

I<sub>D</sub>(pulse): パルスドレイン電流

Pulsed drain current

R<sub>DS(on)</sub>: ドレイン・ソース オン抵抗

Drain-source on-state resistance

P<sub>D</sub>: 許容損失電力

Maximum power dissipation

V<sub>GSS</sub>: ゲート・ソース電圧

Gate-source peak voltage

V<sub>GS(th)</sub>: ゲートしきい値電圧

Gate threshold voltage