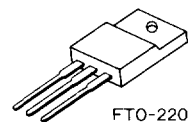
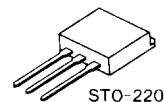
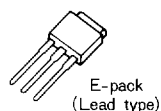


Power MOSFET

60V MOSFET series

N-Channel, P-Channel, Enhancement type



Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline	
EIAJ No.	Tch [°C]	V _{DS} [V]	V _{GS} [V]	I _D [A]	P _T [W]	R _{DS(ON)} (max) V _{GS} =4V [Ω]	C _{iss} (typ) [pF]	C _{rss} (typ) [pF]	t _{on} (typ) [ns]	t _{off} (typ) [ns]		
2SK2279	150	60	±20	2	15	0.35	190	30	30	95	E-pack	80-4
2280				5	20	0.16	420	80	50	155		
2281				10	25	0.1	700	120	70	230	STO-220	78-2
2282					40						FTO-220	86-4
2283					30						STO-220	78-2
2284				15	50	0.07	960	160	90	280	FTO-220	86-4
2285					35						STO-220	78-2
2286				20	60	0.045	1500	280	110	430	FTO-220	86-4
2287					40						STO-220	78-2
2288				30	70	0.03	2300	400	150	630	FTO-220	86-4
2289					50						STO-220	78-2
2290				45	75	0.02	3800	700	240	985	FTO-220	86-4
2291					55						STO-220	78-2
2SJ365	150	-60	±20	-2	20	0.45	400	90	40	170	E-pack	80-4
366				-5	25	0.25	630	150	55	260		
367					40					STO-220	78-2	
368					30					FTO-220	86-4	
369				-10	50	0.16	900	210	75	300	STO-220	78-2
370					35						FTO-220	86-4
371				-15	60	0.1	1350	340	110	480	STO-220	78-2
372					40						FTO-220	86-4
373				-20	70	0.07	2050	520	160	700	STO-220	78-2
374					50						FTO-220	86-4
375				-30	75	0.045	3500	800	250	1100	STO-220	78-2
376					55						FTO-220	86-4

VZ series

Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline		
EIAJ No.	Tch [°C]	V _{DS} [V]	V _{GS} [V]	I _D [A]	P _T [W]	R _{DS(ON)} (max) [Ω]	C _{iss} (typ) [pF]	C _{rss} (typ) [pF]	t _{on} (typ) [ns]	t _{off} (typ) [ns]			
2SK2489	150	180	±30	10	45	0.25	720	80	50	140	STO-220	78-2	
2490				10	40	0.25	720	80	50	140	FTO-220	86-4	
2491				20	70	0.13	1600	190	95	300	STO-220	78-2	
2492				20	60	0.13	1600	190	95	300	FTO-220	86-4	
2559		200		10	40	0.30	840	80	50	140			
2560				20	60	0.18	1800	165	100	280			

VR series



Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline	
EIAJ No.	Tch [°C]	V _{DS} [V]	V _{GS} [V]	I _D [A]	P _T [W]	R _{DS(ON)} (max) [Ω]	C _{iss} (typ) [pF]	C _{rss} (typ) [pF]	t _{on} (typ) [ns]	t _{off} (typ) [ns]	Package	Fig.
2SK1931	150	200	±30	5	20	0.65	360	45	55	75	E-pack	80-4
1194		230	±20	0.5	6	8	45	4.5	30	50		
1195				1.5	10	2	160	20	37	50		
★F05B23VR				0.5	1.5*	8	45	4.5	30	50	B-pack	75

* : On alumina substrate

★ : Under development