

Single

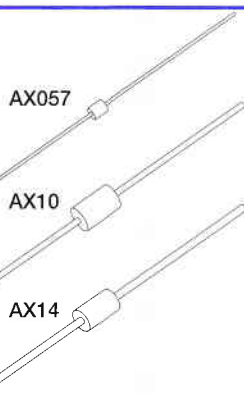
Surface Mount



Type No.	Absolute Maximum Ratings						Electrical Characteristics						Outline	
	I _o [A]	Conditions T _a [°C]	IFSM [A]	VRM [V]	Tstg [°C]	Tj [°C]	VF (max) [V]	Conditions IF [A]	IR (max) VR=VRM [μA]	θjI (max) [°C/W]	θja (max) [°C/W]	θjc (max) [°C/W]	Package	Fig.
☆DG0R7E40 *3	0.7	64	20	400	-55 to 150	150	1.1	0.7	10	20	120	—	G1F	11
☆DG0R7V60	0.7	59	15	600	-55 to 150	150	1.1	0.7	10	20	120	—	G1F	11
M1FE40 *3	1	25	25	400	-55 to 150	150	1.1	1	10	20	108	18	M1F	12
M1F60	1	25	25	600	-55 to 150	150	1.1	1	10	20	108	—		
M1F80				800										
D1F60	1	25	25	600	-55 to 150	150	1.1	1	10	23	108	—	1F	13-1
D1F60A	1.2		45	600			0.97	1.2						
D2F60	1.4	25	60	600	-55 to 150	150	1.05	1.4	10	24	90	—	2F	16-1
☆M2F60	1.2	51	50	600	-55 to 150	150	0.97	1.2	10	33	90	—	M2F	15-1
☆M3FE40 *3	3	76 *1	75	400	-55 to 150	150	1.1	3	10	25	110	25		
☆M3F60	3	100 *1	90	600	-55 to 150	150	1.05	3	10	16	55	—		
D3F60	3	80 *1	150	600	-55 to 150	150	1.05	3	10	23	80	—	2F	16-1
D4F60	4	68 *1	200	600	-55 to 150	150	0.95	4	10	23	80	—		
DF25V60	25	136 *2	400	600	-55 to 150	150	1.1	25	10	—	—	0.5	STO-220	36-2

☆: New product * 1: Tj * 2: Tc * 3: High ESD Capability

Axial

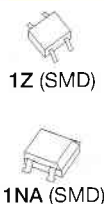


Type No.	Absolute Maximum Ratings						Electrical Characteristics						Outline		
	I _o [A]	Conditions T _a [°C]	IFSM [A]	VRM [V]	Tstg [°C]	Tj [°C]	VF (max) [V]	Conditions IF [A]	IR (max) VR=VRM [μA]	θjI (max) [°C/W]	θja (max) [°C/W]	Package	Color Code	Fig.	
D1N20 *1	1	25	30	200	-55 to 150	150	1.05	1	10	10	113	AX057	—	1	
D1N60 *2				600											
S2V20 *1	1.7	40	60	200	-55 to 150	150	1.05	1.7	10	8	—	AX10	Red	6-1	
S2V60 *2				600									Blue		
S3V20 *1	3.5	40	120	200	-55 to 150	150	1.05	2.6	10	6.5	—	AX14	Red	8	
S3V60 *2				600									Blue		

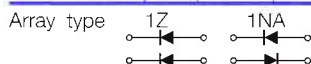
* 1: Spec Code 7□□□ * 2: Spec Code 5□□□ (See page 44 for the last 3 digits of the Spec Code)

Twin

Array



Type No.	Absolute Maximum Ratings						Electrical Characteristics						Outline	
	I _o [A]	Conditions T _a [°C]	IFSM [A]	VRM [V]	Tstg [°C]	Tj [°C]	VF (max) [V]	Conditions IF [A]	IR (max) VR=VRM [μA]	θjI (max) [°C/W]	θja (max) [°C/W]	Package	Fig.	
S1ZA20	1.1	25	30	200	-40 to 150	150	1.1	0.9	10	—	93	1Z	23-2	
S1ZA60				600										
☆S1NAD80	3	102	110	800	-55 to 150	150	1.05	0.75	10	15	84	1NA	27-2	



Doubler



Type No.	Absolute Maximum Ratings						Electrical Characteristics						Outline	
	I _o [A]	Conditions T _a [°C]	IFSM [A]	VRM [V]	Tstg [°C]	Tj [°C]	VF (max) [V]	Conditions IF [A]	IR (max) VR=VRM [μA]	θjI (max) [°C/W]	θja (max) [°C/W]	Package	Fig.	
DF5VD60	5	140	140	600	-40 to 150	150	1.05	2.5	10	—	2	STO-220	36-5	
DF15VD60	15	127	190	600	-40 to 150	150	1.05	7.5	10	—	1.6			