LITE ON LITE-ON SEMICONDUCTOR

ASMCJ SERIES

STAND-OFF VOLTAGE - 5.0 to 75 Volts

POWER DISSIPATION - 1500 WATTS

SURFACE MOUNT UNIDIRECTIONAL AND BIDIRECTIONAL TRANSIENT VOLTAGE SUPPRESSORS

FEATURES

AUTOMOTIVE

- For surface mounted applications
- Reliable low cost construction utilizing molded plastic technique
- Typical IR less than 1uA above 10V
- Fast response time: typically less than 1.0ns for
- Uni-direction, less than 5.0ns for Bi-direction, form 0 Volts to BV min
- RoHS compliant
- AEC-Q101 qualified
- PPAP capable
- Automotive grade

MECHANICAL DATA

Case : Molded plastic Case Material: Molding compound, UL Flammability

classification 94V-0, (No Br. Sb. Cl.) "Halogen-free". Polarity : by cathode band denotes uni-directional device none cathode band denotes bi-directional device

Weight: 0.007 ounces, 0.21 gram



SMC						
DIM.	MIN.	MAX.				
А	6.60	7.11				
В	5.59	6.22				
С	2.92	3.18				
D	0.15	0.31				
Е	7.75	8.13				
F	0.05	0.20				
G	2.01	2.40				
Н	0.76	1.52				
All Dimensions in millimeter						

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

Characteristic	Symbol	VALUE	Units
PEAK POWER DISSIPATION AT TA = 25 C, TP = 1ms (Note 1)	РРК	1500	WATTS
Peak Forward Surge Current 8.3ms single half sine-wave @ TJ =25 C,(Note 2)	I _{FSM}	200	AMPS
Steady State Power Dissipation, with PCB	PM(AV)	2.0	WATTS
Maximum Instantaneous forward voltage at 16A (Note2, 3)	V _F	2.0	Volts
Operating Temperature Range	T_J	-55 to +175	°C
Storage Temperature Range	T _{STG}	-55 to +175	°C

REV.0 Nov-2016, KSIA12

NOTES :

- 1. Non-repetitive current pulse, per fig. 5 and derated above TA= 25 °C per fig. 1
- 2. Only for uni-directional units.
- 3. VF max=2.0V at IF=16 A 300us square wave pulse

Please be aware that an Important Notice and Disclaimer concerning availability, disclaimers, and use in critical applications of LSC products thereto appears at the end of this Data Sheet.

RATING AND CHARACTERISTIC CURVES ASMCJ SERIES



LITE ON SEMICONDUCTOR

UNI (B) VR (V) Mn. Max. @it (mA) VC (V) IPP (A) IR (uA) ASMCJ5.0CA AGDE AGDE 5.0 6.40 7.07 10 9.2 163.0 1000 ASMCJ5.0CA AGDE AGDE 5.0 6.40 7.07 10 9.2 163.0 1000 ASMCJ5.0CA AGDE AGDE 5.722 7.98 10 11.2 133.9 500 ASMCJ5.0CA AGDE AGDE 8.0 10 12.0 125.0 200 ASMCJ8.0A ASMCJ8.0A AGDE ABDP 7.5 8.33 9.21 1.0 12.9 116.3 100 ASMCJ8.0A ASMCJ8.0A AGDT ABDR 8.0 8.98 9.31 1.0 14.4 104.2 20.0 ASMCJ8.0A ASMCJ1.0A AGDZ ABDR 1.11 1.23 1.0 114.4 10.0 15.4 97.4 10.0 ASMCJ10A ASMCJ10CA AGDZ </th <th colspan="2">Device Device Uni- Directional Bi- Directio</th> <th colspan="2">Device Marki evice Code rectional</th> <th colspan="2">Reverse Standoff Voltage VBR Volts</th> <th>Max. Clamping Voltage @Ipp</th> <th>Max. Peak Pulse Current</th> <th>Max. Reverse Leakae @ VR</th>	Device Device Uni- Directional Bi- Directio		Device Marki evice Code rectional		Reverse Standoff Voltage VBR Volts		Max. Clamping Voltage @Ipp	Max. Peak Pulse Current	Max. Reverse Leakae @ VR		
ASMCJ50A ASMCJ50CA AGDE ABDE 5.0 6.40 7.07 10 9.2 183.0 1000 ASMCJ60CA ASMCJ60CA AGDC ABDC 6.0 6.67 7.37 10 10.3 145.6 1000 ASMCJ65A ASMCJ6CA AGDK ABDK 6.57 7.22 7.88 10 11.2 133.9 500 ASMCJ6AA ASMCJ6ACA AGDR ABDR 7.5 8.33 9.21 1.0 12.0 125.0 200 ASMCJ8AA ASMCJ8ACA AGDR ABDR 8.0 8.83 1.0 13.6 110.3 160.0 ASMCJBACA ASMCJBACA AGDV ABDT 8.5 9.44 10.43 1.0 14.4 104.2 20.0 ASMCJBACA AGDV ABDT 8.5 9.44 10.43 1.0 14.4 10.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6			(UNI)	(BI)	VR (V)	Min.	Max.	@It (mA)	VC (V)	IPP (A)	IR (uA)
ASMCJ60A ASMCJ60CA AGDG ABDG 6.0 6.67 7.37 10 10.3 145.6 1000 ASMCJ65A ASMCJ65CA AGDK ABDK 6.5 7.22 7.98 10 11.2 133.9 500 ASMCJ7.0A ASMCJ7.5CA AGDP ABDP 7.5 8.33 9.21 1.0 12.0 125.0 200 ASMCJ7.5A ASMCJ7.5CA AGDP ABDP 7.5 8.33 9.21 1.0 12.9 116.3 100 ASMCJ8.5CA ASMCJ8.5CA AGDR ABDR 8.0 8.89 9.83 1.0 13.6 110.4 104.2 20.0 ASMCJ8.0CA ASMCJ8.0CA AGDX ABDX 10.0 11.1 1.0 115.4 97.4 10.0 ASMCJ10A ASMCJ10CA AGDX ABDX 10 11.1 12.2 10.0 17.0 88.2 5.0 ASMCJ13A ASMCJ10CA AGEE ABEE 12.1 13.5	ASMCJ5.0A	ASMCJ5.0CA	AGDE	ABDE	5.0	6.40	7.07	10	9.2	163.0	1000
ASMCJ65A ASMCJ65CA ASDK ABDK 6.5 7.22 7.98 10 11.2 133.9 500 ASMCJ7.0A ASMCJ7.0CA AGDM ABDM 7.0 7.78 8.60 10 12.0 125.0 200 ASMCJ7.5A ASMCJ7.6CA AGDR ABDR 8.0 8.89 9.83 1.0 13.6 110.3 50.0 ASMCJ7.6A ASMCJ8.5CA AGDT ABDT 8.5 9.44 10.43 1.0 14.4 104.2 20.0 ASMCJ9.0A ASMCJ9.0CA AGDT ABDT 9.0 10.0 11.1 1.0 14.4 104.2 20.0 ASMCJ10A ASMCJ10CA AGEC ABDZ 11 12.2 13.5 1.0 18.2 82.4 0.5 ASMCJ13A ASMCJ14CA AGEC ABEC 12 13.3 14.7 1.0 12.5 69.7 0.5 ASMCJ13A ASMCJ14CA AGEE ABER 115 16.7 1	ASMCJ6.0A	ASMCJ6.0CA	AGDG	ABDG	6.0	6.67	7.37	10	10.3	145.6	1000
ASMCJ7.0A ASMCJ7.0CA AGDM ABDP 7.0 7.78 8.60 10 12.0 125.0 200 ASMCJ7.5A ASMCJ7.5CA AGDP ABDP 7.5 8.33 9.21 1.0 12.9 116.3 100 ASMCJ8.0A ASMCJ8.0CA AGDT ABDT 8.5 9.44 10.43 1.0 114.4 104.2 20.0 ASMCJ8.0A ASMCJ8.0CA AGDV ABDV 9.0 10.0 11.1 1.0 15.4 97.4 10.0 ASMCJ10A ASMCJ10CA AGDX ABDX 10 11.1 12.3 1.0 17.0 88.2 5.0 ASMCJ1A ASMCJ1CA AGEE ABDZ 11 12.2 13.5 1.0 14.2 28.4 0.5 ASMCJ1A ASMCJ1CA AGEE ABEE 12 13.3 14.7 1.0 1.5 64.7 0.5 ASMCJ1A ASMCJ1CA AGEE ABEE 12 13.3 14.7	ASMCJ6.5A	ASMCJ6.5CA	AGDK	ABDK	6.5	7.22	7.98	10	11.2	133.9	500
ASMCJ7.5A ASMCJ7.5CA AGDP ABDP 7.5 8.33 9.21 1.0 12.9 116.3 100 ASMCJ8.0A ASMCJ8.0CA AGDR ABDR 8.0 8.89 9.83 1.0 13.6 110.3 50.0 ASMCJ8.0A ASMCJ8.0CA AGDT ABDT 9.0 10.0 11.1 1.0 14.4 104.2 20.0 ASMCJ90.0A ASMCJ90.CA AGDX ABDV 9.0 10.0 11.1 1.0 15.4 97.4 10.0 ASMCJ12A ASMCJ10CA AGDX ABDX 10 11.1 12.3 1.0 17.0 88.2 5.0 ASMCJ12A ASMCJ12CA AGEC ABDZ 11 12.2 13.5 1.0 18.2 82.4 0.5 ASMCJ12A ASMCJ14CA AGEG ABEE 16.7 1.0 10 21.5 69.7 0.5 ASMCJ16A ASMCJ16CA AGEM ABEE 16 17.8 10 22.2<	ASMCJ7.0A	ASMCJ7.0CA	AGDM	ABDM	7.0	7.78	8.60	10	12.0	125.0	200
ASMCJ8.0A ASMCJ8.0CA AGDR ABDR 8.0 8.89 9.83 1.0 13.6 110.3 50.0 ASMCJ8.5A ASMCJ8.5CA AGDT ABDT 8.5 9.44 10.43 1.0 14.4 104.2 20.0 ASMCJ9.0A ASMCJ9.0CA AGDV ABDX 10 11.1 12.3 1.0 17.0 88.2 5.0 ASMCJ10A ASMCJ1CA AGDZ ABDX 10 11.1 12.2 13.5 1.0 18.2 82.4 0.5 ASMCJ12A ASMCJ12CA AGEE ABEE 12 13.3 14.7 1.0 19.9 75.3 0.5 ASMCJ13A ASMCJ13CA AGEG ABEE 12 13.3 14.7 1.0 23.2 64.7 0.5 ASMCJ14A ASMCJ14CA AGEK ABEK 17 18.5 1.0 24.4 61.5 0.5 ASMCJ16A ASMCJ16CA AGET ABER 17 18.9 20.9	ASMCJ7.5A	ASMCJ7.5CA	AGDP	ABDP	7.5	8.33	9.21	1.0	12.9	116.3	100
ASMCJ8.5A ASMCJ8.5CA AGDT ABDT 8.5 9.44 10.43 1.0 14.4 104.2 20.0 ASMCJ9.0A ASMCJ9.0CA AGDV ABDV 9.0 10.0 11.1 1.0 15.4 97.4 10.0 ASMCJ10A ASMCJ10CA AGDX ABDX 10 11.1 12.3 1.0 17.0 88.2 5.0 ASMCJ11A ASMCJ11CA AGEZ ABDZ 11 12.2 13.5 1.0 18.2 82.4 0.5 ASMCJ13A ASMCJ13CA AGEG ABEE 12 13.3 14.7 1.0 19.9 75.3 0.5 ASMCJ15A ASMCJ13CA AGEK ABEE 12 13.3 14.7 1.0 23.2 64.7 0.5 ASMCJ15A ASMCJ15CA AGEK ABER 15 16.7 18.5 1.0 24.4 61.5 0.5 ASMCJ16A ASMCJ15CA AGET ABER 17 18.9 20.9	ASMCJ8.0A	ASMCJ8.0CA	AGDR	ABDR	8.0	8.89	9.83	1.0	13.6	110.3	50.0
ASMCJ9.0A ASMCJ9.0CA AGDV ABDV 9.0 10.0 11.1 1.0 15.4 97.4 10.0 ASMCJ10A ASMCJ10CA AGDX ABDX 10 11.1 12.3 1.0 17.0 88.2 5.0 ASMCJ12A ASMCJ1CA AGDZ ABDZ 11 12.2 13.5 1.0 18.2 82.4 0.5 ASMCJ12A ASMCJ12CA AGEE ABEE 12 13.3 14.7 1.0 19.9 75.3 0.5 ASMCJ12A ASMCJ13CA AGEE ABEK 14 15.6 1.0 21.5 69.7 0.5 ASMCJ16A ASMCJ16CA AGER ABEK 14 15.6 1.0 24.4 61.5 0.5 ASMCJ17A ASMCJ17CA AGER ABER 17 18.9 20.9 1.0 27.6 53.3 0.5 ASMCJ20A ASMCJ20CA AGEZ ABEZ 22 24.4 27.0 1.0 35.5 <t< td=""><td>ASMCJ8.5A</td><td>ASMCJ8.5CA</td><td>AGDT</td><td>ABDT</td><td>8.5</td><td>9.44</td><td>10.43</td><td>1.0</td><td>14.4</td><td>104.2</td><td>20.0</td></t<>	ASMCJ8.5A	ASMCJ8.5CA	AGDT	ABDT	8.5	9.44	10.43	1.0	14.4	104.2	20.0
ASMCJ10A ASMCJ10CA AGDX ABDX 10 11.1 12.3 1.0 17.0 88.2 5.0 ASMCJ11A ASMCJ11CA AGDZ ABDZ 11 12.2 13.5 1.0 18.2 82.4 0.5 ASMCJ12A ASMCJ12CA AGEE ABEE 12 13.3 14.7 1.0 19.9 75.3 0.5 ASMCJ13A ASMCJ14CA AGEC ABEE 12 13.3 14.7 1.0 19.9 75.3 0.5 ASMCJ13A ASMCJ14CA AGEK ABEE 12 13.3 14.7 1.0 23.2 64.7 0.5 ASMCJ16A ASMCJ16CA AGEK ABEK 14 15.6 17.0 26.0 57.7 0.5 ASMCJ17A ASMCJ18CA AGET ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ20A ASMCJ20CA AGEZ ABEZ 2.4 26.7 29.5 1.0 <td< td=""><td>ASMCJ9.0A</td><td>ASMCJ9.0CA</td><td>AGDV</td><td>ABDV</td><td>9.0</td><td>10.0</td><td>11.1</td><td>1.0</td><td>15.4</td><td>97.4</td><td>10.0</td></td<>	ASMCJ9.0A	ASMCJ9.0CA	AGDV	ABDV	9.0	10.0	11.1	1.0	15.4	97.4	10.0
ASMCJ11A ASMCJ11CA AGDZ ABDZ 11 12.2 13.5 1.0 18.2 82.4 0.5 ASMCJ12A ASMCJ12CA AGEE ABEE 12 13.3 14.7 1.0 19.9 75.3 0.5 ASMCJ13A ASMCJ13CA AGEG ABEG 13 14.4 15.9 1.0 21.5 69.7 0.5 ASMCJ14A ASMCJ14CA AGEK ABEK 14 15.6 1.7 1.0 23.2 64.7 0.5 ASMCJ15A ASMCJ16CA AGEM ABEK 14 15.6 17.2 1.0 23.2 64.7 0.5 ASMCJ16A ASMCJ16CA AGEP ABER 17 18.9 20.9 1.0 27.6 53.3 0.5 ASMCJ18A ASMCJ18CA AGET ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ22A ASMCJ2CA AGEZ ABEZ 22 24.4 27.0 1.	ASMCJ10A	ASMCJ10CA	AGDX	ABDX	10	11.1	12.3	1.0	17.0	88.2	5.0
ASMCJ12A ASMCJ12CA AGEE ABEE 12 13.3 14.7 1.0 19.9 75.3 0.5 ASMCJ13A ASMCJ13CA AGEG ABEG 13 14.4 15.9 1.0 21.5 69.7 0.5 ASMCJ13A ASMCJ14CA AGEK ABEK 14 15.6 17.2 1.0 23.2 64.7 0.5 ASMCJ15A ASMCJ16CA AGEK ABEM 15 16.7 18.5 1.0 24.4 61.5 0.5 ASMCJ16A ASMCJ16CA AGEP ABEP 16 17.8 19.7 1.0 22.6 51.4 0.5 ASMCJ18A ASMCJ18CA AGEV ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ20A ASMCJ20CA AGEX ABEZ 22 24.4 27.0 1.0 35.5 42.2 0.5 ASMCJ20A ASMCJ20CA AGFZ ABEZ 24 26.7 29.5	ASMCJ11A	ASMCJ11CA	AGDZ	ABDZ	11	12.2	13.5	1.0	18.2	82.4	0.5
ASMCJ13A ASMCJ13CA AGEG ABEG 13 14.4 15.9 1.0 21.5 69.7 0.5 ASMCJ14A ASMCJ14CA AGEK ABEK 14 15.6 17.2 1.0 22.2 64.7 0.5 ASMCJ15A ASMCJ15CA AGEM ABEM 15 16.7 18.5 1.0 24.4 61.5 0.5 ASMCJ16A ASMCJ17CA AGER ABER 17 18.9 10.0 27.6 53.3 0.5 ASMCJ17A ASMCJ17CA AGEV ABER 17 18.9 20.9 1.0 27.6 53.3 0.5 ASMCJ20A ASMCJ20CA AGEV ABEV 20 22.2 24.5 1.0 32.4 46.3 0.5 ASMCJ22A ASMCJ22CA AGEX ABEZ 22 24.4 27.0 1.0 35.5 42.2 0.5 ASMCJ2AA ASMCJ2CA AGEZ ABEZ 24 26.7 29.5 1.0 3	ASMCJ12A	ASMCJ12CA	AGEE	ABEE	12	13.3	14.7	1.0	19.9	75.3	0.5
ASMCJ14A ASMCJ14CA AGEK ABEK 14 15.6 17.2 1.0 23.2 64.7 0.5 ASMCJ15A ASMCJ15CA AGEM ABEM 15 16.7 18.5 1.0 24.4 61.5 0.5 ASMCJ16A ASMCJ16CA AGEP ABEP 16 17.8 19.7 1.0 26.0 57.7 0.5 ASMCJ17A ASMCJ17CA AGER ABER 17 18.9 20.9 1.0 27.6 53.3 0.5 ASMCJ12A ASMCJ18CA AGET ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ2A ASMCJ2CA AGEX ABEX 22 24.5 1.0 32.4 46.3 0.5 ASMCJ2A ASMCJ2CA AGEX ABEZ 24 26.7 29.5 1.0 38.9 38.6 0.5 ASMCJ26A ASMCJ26CA AGFE ABFE 26 28.9 31.9 1.0 42.1<	ASMCJ13A	ASMCJ13CA	AGEG	ABEG	13	14.4	15.9	1.0	21.5	69.7	0.5
ASMCJ15A ASMCJ15CA AGEM ABEM 15 16.7 18.5 1.0 24.4 61.5 0.5 ASMCJ16A ASMCJ16CA AGEP ABEP 16 17.8 19.7 1.0 26.0 57.7 0.5 ASMCJ17A ASMCJ17CA AGER ABER 17 18.9 20.9 1.0 27.6 53.3 0.5 ASMCJ18A ASMCJ18CA AGET ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ20CA AGEV ABEX 22 24.4 27.0 1.0 32.4 46.3 0.5 ASMCJ24A ASMCJ22CA AGEZ ABEZ 22 24.4 27.0 1.0 38.9 38.6 0.5 ASMCJ36A ASMCJ26A AGEF ABEZ 22 24.4 27.0 1.0 38.9 38.6 0.5 ASMCJ36A ASMCJ36CA AGFE ABFE 26 28.9 31.9 1.0 42.1 </td <td>ASMCJ14A</td> <td>ASMCJ14CA</td> <td>AGEK</td> <td>ABEK</td> <td>14</td> <td>15.6</td> <td>17.2</td> <td>1.0</td> <td>23.2</td> <td>64.7</td> <td>0.5</td>	ASMCJ14A	ASMCJ14CA	AGEK	ABEK	14	15.6	17.2	1.0	23.2	64.7	0.5
ASMCJ16A ASMCJ16CA AGEP ABEP 16 17.8 19.7 1.0 26.0 57.7 0.5 ASMCJ17A ASMCJ17CA AGER ABER 17 18.9 20.9 1.0 27.6 53.3 0.5 ASMCJ18A ASMCJ18CA AGET ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ20A ASMCJ20CA AGEV ABEV 20 22.2 24.5 1.0 32.4 46.3 0.5 ASMCJ2AA ASMCJ2CA AGEZ ABEZ 22 24.4 27.0 1.0 35.5 42.2 0.5 ASMCJ2AA ASMCJ2CA AGEZ ABEZ 24 26.7 29.5 1.0 38.9 38.6 0.5 ASMCJ28A ASMCJ26A AGFE ABFE 26 28.9 31.9 1.0 42.1 35.6 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0	ASMCJ15A	ASMCJ15CA	AGEM	ABEM	15	16.7	18.5	1.0	24.4	61.5	0.5
ASMCJ17A ASMCJ17CA AGER ABER 17 18.9 20.9 1.0 27.6 53.3 0.5 ASMCJ18A ASMCJ18CA AGET ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ20A ASMCJ20CA AGEV ABEV 20 22.2 24.5 1.0 32.4 46.3 0.5 ASMCJ22A ASMCJ22CA AGEX ABEX 22 24.4 27.0 1.0 35.5 42.2 0.5 ASMCJ24A ASMCJ24CA AGEZ ABEZ 24 26.7 29.5 1.0 38.9 38.6 0.5 ASMCJ28A ASMCJ28CA AGFE ABFE 26 28.9 31.9 1.0 42.1 35.6 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7 40.6	ASMCJ16A	ASMCJ16CA	AGEP	ABEP	16	17.8	19.7	1.0	26.0	57.7	0.5
ASMCJ18A ASMCJ18CA AGET ABET 18 20.0 22.1 1.0 29.2 51.4 0.5 ASMCJ20A ASMCJ20CA AGEV ABEV 20 22.2 24.5 1.0 32.4 46.3 0.5 ASMCJ22A ASMCJ22CA AGEX ABEX 22 24.4 27.0 1.0 35.5 42.2 0.5 ASMCJ24A ASMCJ24CA AGEZ ABEZ 24 26.7 29.5 1.0 38.9 38.6 0.5 ASMCJ26A ASMCJ26CA AGFE ABFE 26 28.9 31.9 1.0 42.1 35.6 0.5 ASMCJ30A ASMCJ26CA AGFG ABFE 26 28.9 31.1 34.4 1.0 45.4 33.0 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7	ASMCJ17A	ASMCJ17CA	AGER	ABER	17	18.9	20.9	1.0	27.6	53.3	0.5
ASMCJ20A ASMCJ20CA AGEV ABEV 20 22.2 24.5 1.0 32.4 46.3 0.5 ASMCJ22A ASMCJ22CA AGEX ABEX 22 24.4 27.0 1.0 35.5 42.2 0.5 ASMCJ24A ASMCJ24CA AGEZ ABEZ 24 26.7 29.5 1.0 38.9 38.6 0.5 ASMCJ26A ASMCJ26CA AGFE ABFE 26 28.9 31.9 1.0 42.1 35.6 0.5 ASMCJ28A ASMCJ28CA AGFG ABFG 28 31.1 34.4 1.0 45.4 33.0 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ33A ASMCJ36CA AGFP ABFMC 33 36.7 40.6 <t< td=""><td>ASMCJ18A</td><td>ASMCJ18CA</td><td>AGET</td><td>ABET</td><td>18</td><td>20.0</td><td>22.1</td><td>1.0</td><td>29.2</td><td>51.4</td><td>0.5</td></t<>	ASMCJ18A	ASMCJ18CA	AGET	ABET	18	20.0	22.1	1.0	29.2	51.4	0.5
ASMCJ22A ASMCJ22CA AGEX ABEX 22 24.4 27.0 1.0 35.5 42.2 0.5 ASMCJ24A ASMCJ24CA AGEZ ABEZ 24 26.7 29.5 1.0 38.9 38.6 0.5 ASMCJ26A ASMCJ26CA AGFE ABFE 26 28.9 31.9 1.0 42.1 35.6 0.5 ASMCJ28A ASMCJ28CA AGFG ABFG 28 31.1 34.4 1.0 45.4 33.0 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFN 34 40.0 44.2 <td< td=""><td>ASMCJ20A</td><td>ASMCJ20CA</td><td>AGEV</td><td>ABEV</td><td>20</td><td>22.2</td><td>24.5</td><td>1.0</td><td>32.4</td><td>46.3</td><td>0.5</td></td<>	ASMCJ20A	ASMCJ20CA	AGEV	ABEV	20	22.2	24.5	1.0	32.4	46.3	0.5
ASMCJ24A ASMCJ24CA AGEZ ABEZ 24 26.7 29.5 1.0 38.9 38.6 0.5 ASMCJ26A ASMCJ26CA AGFE ABFE 26 28.9 31.9 1.0 42.1 35.6 0.5 ASMCJ28A ASMCJ28CA AGFG ABFG 28 31.1 34.4 1.0 45.4 33.0 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFP 36 40.0 44.2 1.0 58.1 25.8 0.5 ASMCJ40A ASMCJ40CA AGFR ABFR 40 44.4 49.1 <td< td=""><td>ASMCJ22A</td><td>ASMCJ22CA</td><td>AGEX</td><td>ABEX</td><td>22</td><td>24.4</td><td>27.0</td><td>1.0</td><td>35.5</td><td>42.2</td><td>0.5</td></td<>	ASMCJ22A	ASMCJ22CA	AGEX	ABEX	22	24.4	27.0	1.0	35.5	42.2	0.5
ASMCJ26A ASMCJ26CA AGFE ABFE 26 28.9 31.9 1.0 42.1 35.6 0.5 ASMCJ28A ASMCJ28CA AGFG ABFG 28 31.1 34.4 1.0 45.4 33.0 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ33CAC AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFP 36 40.0 44.2 1.0 58.1 25.8 0.5 ASMCJ40A ASMCJ40A ASMCJ40A AGFT ABFT 47.8 52.8	ASMCJ24A	ASMCJ24CA	AGEZ	ABEZ	24	26.7	29.5	1.0	38.9	38.6	0.5
ASMCJ28A ASMCJ28CA AGFG ABFG 28 31.1 34.4 1.0 45.4 33.0 0.5 ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ33A ASMCJ33CA AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ33CA AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFP 36 40.0 44.2 1.0 58.1 25.8 0.5 ASMCJ40A ASMCJ40CA AGFR ABFR 40 44.4 49.1 1.0 64.5 23.3 0.5 ASMCJ43A ASMCJ43CA AGFT ABFT 43 47.8 52.8 <t< td=""><td>ASMCJ26A</td><td>ASMCJ26CA</td><td>AGFE</td><td>ABFE</td><td>26</td><td>28.9</td><td>31.9</td><td>1.0</td><td>42.1</td><td>35.6</td><td>0.5</td></t<>	ASMCJ26A	ASMCJ26CA	AGFE	ABFE	26	28.9	31.9	1.0	42.1	35.6	0.5
ASMCJ30A ASMCJ30CA AGFK ABFK 30 33.3 36.8 1.0 48.4 31.0 0.5 ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ33A ASMCJ33CAC AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ33A ASMCJ33CAC AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFP 36 40.0 44.2 1.0 58.1 25.8 0.5 ASMCJ40A ASMCJ40CA AGFR ABFR 40 44.4 49.1 1.0 64.5 23.3 0.5 ASMCJ40A ASMCJ43CA AGFT ABFT 43 47.8 52.8 1.0 69.4 21.6 0.5 ASMCJ43A ASMCJ4SCA AGFX ABFV 45 50.0 55.3	ASMCJ28A	ASMCJ28CA	AGFG	ABFG	28	31.1	34.4	1.0	45.4	33.0	0.5
ASMCJ33A ASMCJ33CA AGFM ABFM 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ33A ASMCJ33CAC AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ33A ASMCJ3CAC AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ33A ASMCJ3CAC AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ3CAC AGFP ABFP 36 40.0 44.2 1.0 58.1 25.8 0.5 ASMCJ40A ASMCJ40CA AGFR ABFR 40 44.4 49.1 1.0 64.5 23.3 0.5 ASMCJ43A ASMCJ43CA AGFT ABFT 43 47.8 52.8 1.0 69.4 21.6 0.5 ASMCJ45A ASMCJ45CA AGFX ABFV 45 50.0 55.3	ASMCJ30A	ASMCJ30CA	AGFK	ABFK	30	33.3	36.8	1.0	48.4	31.0	0.5
ASMCJ33A ASMCJ33CAC AGFM ABFMC 33 36.7 40.6 1.0 53.3 28.1 0.5 ASMCJ36A ASMCJ36CA AGFP ABFP 36 40.0 44.2 1.0 58.1 25.8 0.5 ASMCJ36A ASMCJ40CA AGFR ABFR 40 44.4 49.1 1.0 64.5 23.3 0.5 ASMCJ43A ASMCJ43CA AGFT ABFT 43 47.8 52.8 1.0 69.4 21.6 0.5 ASMCJ45A ASMCJ45CA AGFT ABFT 43 47.8 52.8 1.0 69.4 21.6 0.5 ASMCJ45A ASMCJ45CA AGFY ABFY 45 50.0 55.3 1.0 72.7 20.6 0.5 ASMCJ48A ASMCJ48CA AGFX ABFX 48 53.3 58.9 1.0 77.4 19.4 0.5 ASMCJ51A ASMCJ54CA AGFZ ABFZ 51 56.7 62.7 <t< td=""><td>ASMCJ33A</td><td>ASMCJ33CA</td><td>AGFM</td><td>ABFM</td><td>33</td><td>36.7</td><td>40.6</td><td>1.0</td><td>53.3</td><td>28.1</td><td>0.5</td></t<>	ASMCJ33A	ASMCJ33CA	AGFM	ABFM	33	36.7	40.6	1.0	53.3	28.1	0.5
ASMCJ36A ASMCJ36CA AGFP ABFP 36 40.0 44.2 1.0 58.1 25.8 0.5 ASMCJ40A ASMCJ40CA AGFR ABFR 40 44.4 49.1 1.0 64.5 23.3 0.5 ASMCJ40A ASMCJ40CA AGFR ABFR 40 44.4 49.1 1.0 64.5 23.3 0.5 ASMCJ43A ASMCJ43CA AGFT ABFT 43 47.8 52.8 1.0 69.4 21.6 0.5 ASMCJ45A ASMCJ45CA AGFV ABFV 45 50.0 55.3 1.0 72.7 20.6 0.5 ASMCJ48A ASMCJ48CA AGFX ABFX 48 53.3 58.9 1.0 77.4 19.4 0.5 ASMCJ51A ASMCJ51CA AGFZ ABFZ 51 56.7 62.7 1.0 82.4 18.2 0.5 ASMCJ54A ASMCJ54CA AGGE ABGE 54 60.0 66.3	ASMCJ33A	ASMCJ33CAC	AGFM	ABFMC	33	36.7	40.6	1.0	53.3	28.1	0.5
ASMCJ40A ASMCJ40CA AGFR ABFR 40 44.4 49.1 1.0 64.5 23.3 0.5 ASMCJ43A ASMCJ43CA AGFT ABFT 43 47.8 52.8 1.0 69.4 21.6 0.5 ASMCJ45A ASMCJ45CA AGFV ABFV 45 50.0 55.3 1.0 72.7 20.6 0.5 ASMCJ48A ASMCJ48CA AGFX ABFX 48 53.3 58.9 1.0 77.4 19.4 0.5 ASMCJ51A ASMCJ51CA AGFZ ABFZ 51 56.7 62.7 1.0 82.4 18.2 0.5 ASMCJ54A ASMCJ54CA AGGE ABGE 54 60.0 66.3 1.0 87.1 17.2 0.5 ASMCJ58A ASMCJ58CA AGGG ABGE 58 64.4 71.2 1.0 93.6 16.0 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7	ASMCJ36A	ASMCJ36CA	AGFP	ABFP	36	40.0	44.2	1.0	58.1	25.8	0.5
ASMCJ43A ASMCJ43CA AGFT ABFT 43 47.8 52.8 1.0 69.4 21.6 0.5 ASMCJ45A ASMCJ45CA AGFV ABFV 45 50.0 55.3 1.0 72.7 20.6 0.5 ASMCJ48A ASMCJ48CA AGFX ABFX 48 53.3 58.9 1.0 77.4 19.4 0.5 ASMCJ51A ASMCJ51CA AGFZ ABFZ 51 56.7 62.7 1.0 82.4 18.2 0.5 ASMCJ54A ASMCJ54CA AGGE ABGE 54 60.0 66.3 1.0 87.1 17.2 0.5 ASMCJ58A ASMCJ58CA AGGE ABGE 54 60.0 66.3 1.0 87.1 17.2 0.5 ASMCJ58A ASMCJ58CA AGGG ABGE 58 64.4 71.2 1.0 93.6 16.0 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7	ASMCJ40A	ASMCJ40CA	AGFR	ABFR	40	44.4	49.1	1.0	64.5	23.3	0.5
ASMCJ45A ASMCJ45CA AGFV ABFV 45 50.0 55.3 1.0 72.7 20.6 0.5 ASMCJ48A ASMCJ48CA AGFX ABFX 48 53.3 58.9 1.0 77.4 19.4 0.5 ASMCJ48A ASMCJ48CA AGFX ABFX 48 53.3 58.9 1.0 77.4 19.4 0.5 ASMCJ51A ASMCJ51CA AGFZ ABFZ 51 56.7 62.7 1.0 82.4 18.2 0.5 ASMCJ54A ASMCJ54CA AGGE ABGE 54 60.0 66.3 1.0 87.1 17.2 0.5 ASMCJ58A ASMCJ58CA AGGG ABGG 58 64.4 71.2 1.0 93.6 16.0 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5 ASMCJ60A ASMCJ60A AGGK ABGK 60 66.7 73.7 1	ASMCJ43A	ASMCJ43CA	AGFT	ABFT	43	47.8	52.8	1.0	69.4	21.6	0.5
ASMCJ48A ASMCJ48CA AGFX ABFX 48 53.3 58.9 1.0 77.4 19.4 0.5 ASMCJ51A ASMCJ51CA AGFZ ABFZ 51 56.7 62.7 1.0 82.4 18.2 0.5 ASMCJ54A ASMCJ54CA AGGE ABGE 54 60.0 66.3 1.0 87.1 17.2 0.5 ASMCJ58A ASMCJ58CA AGGG ABGE 58 64.4 71.2 1.0 93.6 16.0 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5	ASMCJ45A	ASMCJ45CA	AGFV	ABFV	45	50.0	55.3	1.0	72.7	20.6	0.5
ASMCJ51A ASMCJ51CA AGFZ ABFZ 51 56.7 62.7 1.0 82.4 18.2 0.5 ASMCJ54A ASMCJ54CA AGGE ABGE 54 60.0 66.3 1.0 87.1 17.2 0.5 ASMCJ58A ASMCJ58CA AGGG ABGE 58 64.4 71.2 1.0 93.6 16.0 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5	ASMCJ48A	ASMCJ48CA	AGFX	ABFX	48	53.3	58.9	1.0	77.4	19.4	0.5
ASMCJ54A ASMCJ54CA AGGE ABGE 54 60.0 66.3 1.0 87.1 17.2 0.5 ASMCJ58A ASMCJ58CA AGGG ABGG 58 64.4 71.2 1.0 93.6 16.0 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5	ASMCJ51A	ASMCJ51CA	AGFZ	ABFZ	51	56.7	62.7	1.0	82.4	18.2	0.5
ASMCJ58A ASMCJ58CA AGGG ABGG 58 64.4 71.2 1.0 93.6 16.0 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5 ASMCJ61A ASMCJ64A ACOM ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5	ASMCJ54A	ASMCJ54CA	AGGE	ABGE	54	60.0	66.3	1.0	87.1	17.2	0.5
ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5 ASMCJ60A ASMCJ60CA AGGK ABGK 60 66.7 73.7 1.0 96.8 15.5 0.5	ASMCJ58A	ASMCJ58CA	AGGG	ABGG	58	64.4	71.2	1.0	93.6	16.0	0.5
	ASMCJ60A	ASMCJ60CA	AGGK	ABGK	60	66.7	73.7	1.0	96.8	15.5	0.5
	ASMCJ64A	ASMCJ64CA	AGGM	ABGM	64	71.1	78.6	1.0	103	14.6	0.5
ASMCJ70A ASMCJ70CA AGGP ABGP 70 77.8 86.0 1.0 113 13.3 0.5	ASMC 1704	ASMC 170CA	AGGP	ABGP	70	77.8	86.0	1.0	113	13.3	0.5
ASMC175A ASMC175CA ACCR ABCR 75 83.3 02.1 1.0 121 12.4 0.5	ASMC 175A	ASMC 1750 A			75	82.2	02.1	1.0	101	10.0	0.5

NOTE :

Suffix 'A ' denotes 5% tolerance device.
1) Add suffix 'C 'or ' CA ' after part number to specify Bi-directional devices.
2) The IR limit is double for Bi-Directional devices.
3) ASMCJ33CA for special customer used.



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