

SMB	305)	Fla Fo Lo Bu Hin 25	ammal or surfa w reve uilt-in s gh forv gh tem 0°C/10	tic pac bility C ace mo erse le train re ward s	kage o lassific ounted akage elief,id urge c ure sol nds at	cation applic eal for urrent dering termin	- Under 94V-0 ations autom capabi guarar als	ated pla	Laboratory acement
0.066(2.44) 0.064(2.13) 0.060(1.52) 0.030(0.76) 0.000(0.203)MAX. 0.000(0.203)MAX. 0.2205(5.21)		Te M Po M	ermina ethod olarity ountir	EDEC als: lea 2026 r: Color ng Pos	SMB r ids sol r band sition :	noldec derabl denot Any	e per N	– c body MIL-STD node end	,
Dimensions in inches and (millimeters) MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise	specified.						S		
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz,resistive or inductive load	specified.	ve load	current	derate	by 20%	%. I		ES3.I	UNITS
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz,resistive or inductive load Catalog Number	specified. ,for capacitiv SYMBOLS	ve load	current	derate	by 20%	%. ES3E	ES3G	ES3J	
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz,resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage	specified. ,for capacitiv <i>SYMBOLS</i>	ve load ES3A 50	current ES3B 100	ederate ES3C 150	by 20%	%. ES3E 300	ES3G 400	600	VOLTS
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz,resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage Maximum RMS voltage	specified. ,for capacitiv <i>SYMBOLS</i> VRRM VRMS	ve load ES3A 50 35	current ES3B 100 70	derate ES3C 150 105	by 209 ES3D 200 140	%. ES3E 300 210	ES3G 400 280	600 420	VOLTS VOLTS
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz,resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage	specified. ,for capacitiv <i>SYMBOLS</i>	ve load ES3A 50	current ES3B 100	ederate ES3C 150	by 20%	%. ES3E 300	ES3G 400	600	VOLTS
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz, resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage Maximum RMS voltage Maximum DC blocking voltage Maximum average forward rectified current	specified. ,for capacitiv SYMBOLS VRRM VRMS VDC	ve load ES3A 50 35	current ES3B 100 70	derate ES3C 150 105	by 209 ES3D 200 140 200	%. ES3E 300 210	ES3G 400 280	600 420	VOLTS VOLTS VOLTS
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz, resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage Maximum RMS voltage Maximum DC blocking voltage Maximum average forward rectified current at TL=75°C Peak forward surge current 8.3ms single half sine-wave superimposed on	specified. for capacitiv SYMBOLS VRRM VRMS VDC I(AV)	ve load ES3A 50 35	current ES3B 100 70 100	derate ES3C 150 105	by 209 ES3D 200 140 200 3.0	%. ES3E 300 210	ES3G 400 280 400	600 420	VOLTS VOLTS VOLTS Amps
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz, resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage Maximum RMS voltage Maximum DC blocking voltage Maximum average forward rectified current at TL=75°C Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method) Maximum DC reverse current Maximum DC reverse current TA=25°C	specified. for capacitiv SYMBOLS VRRM VRMS VDC I(AV)	ve load ES3A 50 35	current ES3B 100 70 100	e derate ES3C 150 105 150	by 209 ES3D 200 140 200 3.0	%. ES3E 300 210 300	ES3G 400 280 400	600 420 600	VOLTS VOLTS VOLTS Amps Amps
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz, resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage Maximum RMS voltage Maximum DC blocking voltage Maximum average forward rectified current at TL=75°C Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method) Maximum DC reverse current TA=25°C at rated DC blocking voltage TA=100°C	Specified. ,for capacitiv SYMBOLS VRRM VRMS VDC I(AV) IFSM VF IR	ve load ES3A 50 35	current ES3B 100 70 100	e derate ES3C 150 105 150	by 209 ES3D 200 140 200 3.0 100.0 5.0 100.0	%. ES3E 300 210 300	ES3G 400 280 400	600 420 600	VOLTS VOLTS VOLTS Amps Amps Volts
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz,resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage Maximum RMS voltage Maximum DC blocking voltage Maximum average forward rectified current at TL=75°C Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method) Maximum DC reverse current TA=25°C at rated DC blocking voltage Maximum reverse recovery time (NOTE 1)	specified. for capacitiv SYMBOLS VRRM VRMS VDC I(AV) IFSM VF IR trr	ve load ES3A 50 35	current ES3B 100 70 100	e derate ES3C 150 105 150	by 209 ES3D 200 140 200 3.0 100.0 5.0 100.0 35	%. ES3E 300 210 300	ES3G 400 280 400	600 420 600	VOLTS VOLTS VOLTS Amps Amps Volts µA ns
MAXIMUM RATINGS A Ratings at 25°C ambient temperature unless otherwise Single phase half-wave 60Hz,resistive or inductive load Catalog Number Maximum repetitive peak reverse voltage Maximum RMS voltage Maximum DC blocking voltage Maximum average forward rectified current at TL=75°C Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method) Maximum DC reverse current Maximum DC reverse current TA=25°C at rated DC blocking voltage	Specified. ,for capacitiv SYMBOLS VRRM VRMS VDC I(AV) IFSM VF IR	ve load ES3A 50 35	current ES3B 100 70 100	e derate ES3C 150 105 150	by 209 ES3D 200 140 200 3.0 100.0 5.0 100.0	%. ES3E 300 210 300	ES3G 400 280 400	600 420 600	VOLTS VOLTS VOLTS Amps Amps Volts µA

3.P.C.B. mounted with 0.2x0.2" (5.0x5.0mm) copper pad areas

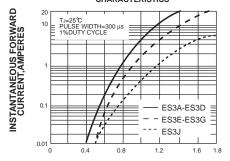
ES3A THRU ES3J



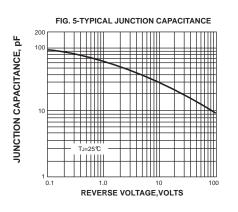
AVERAGE FORWARD RECTIFIED CURRENT, AMPERES FIG. 1- FORWARD CURRENT DERATING CURVE 3.0 2.4 1.8 Single Phase Half Wave 60Hz Resistive or inductive Load 1.2 0.6 0 0 25 50 75 100 125 150 175

AMBIENT TEMPERATURE, °C





INSTANTANEOUS FORWARD VOLTAGE, VOLTS



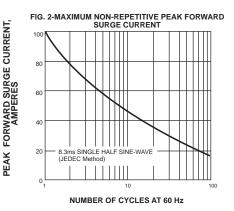


FIG. 4-TYPICAL REVERSE CHARACTERISTICS

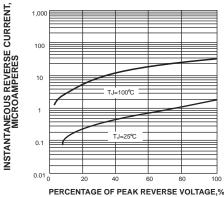
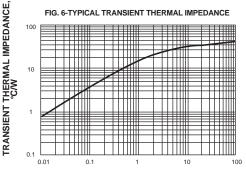


FIG. 6-TYPICAL TRANSIENT THERMAL IMPEDANCE



t,PULSE DURATION,sec.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Diodes - General Purpose, Power, Switching category:

Click to view products by Yongyutai Electronics manufacturer:

Other Similar products are found below :

MCL4151-TR3 MMBD3004S-13-F RD0306T-H BAV17-TR BAV19-TR 1N3611 NTE156A NTE574 NTE6244 1SS181-TP 1SS400CST2RA SDAA13 SHN2D02FUTW1T1G LS4151GS08 1N4449 1N456A 1N4934-E3/73 1N914B 1N914BTR 1SS226-TP RFUH20TB3S D291S45T BAV300-TR BAW56DWQ-7-F BAW75-TAP MM230L-CAA IDW40E65D1 JAN1N3600 JAN1N4153-1 JAN1N4454-1 JAN1N4454UR-1 LL4151-GS18 053684A SMMSD4148T3G 707803H NSVDAN222T1G CDSZC01100-HF LL4150-M-08 1N4454-TR BAV199E6433HTMA1 BAV70HDW-7 BAS28-7 JANTX1N6640 BAW56HDW-13 BAS28 TR VS-HFA04SD60STR-M3 NSVM1MA152WKT1G 1SS388-TP RGP30D-E3/73 VS-8EWF02S-M3