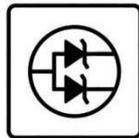
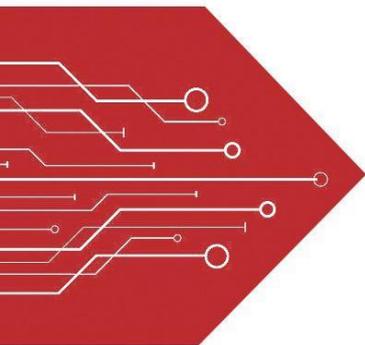
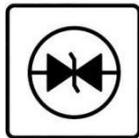


MSKSEMI

SEMICONDUCTOR



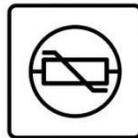
ESD



TVS



TSS



MOV



GDT

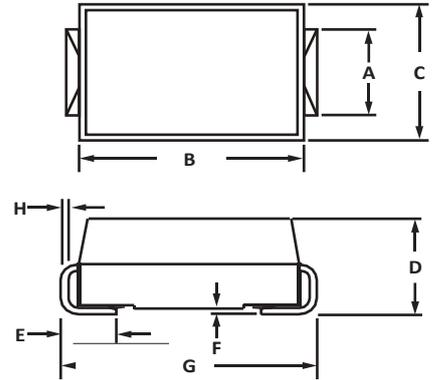


PLED

Product data sheet

SURGE RATINGS

PART NUMBER	V P P 10x700us (V)	I P P 5x310us (A)
P0080TA-MS	2KV	50



DO-214AC

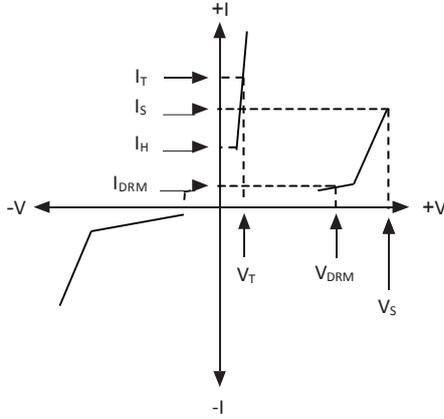
PART NUMBER AND ELECTRICAL PARAMETER @ T=25°C RH = 45%- 75%

TYPE	VDRM(V)	IDRM(uA)	Vs (v)	Is(ma)	Vr (v)	It(a)	Ih(ma)	CJ
P0080TA-MS	6	5	25	800	4	2.2	40	25

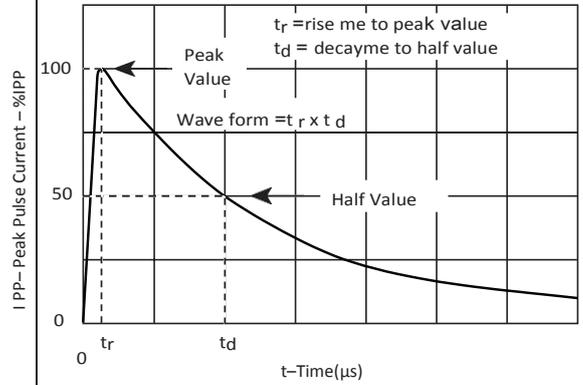
- ※ Vs is measured at 100KV/S
- ※ Off-state capacitance is measured in VDC=2V, VRMS=1V,F=1MHz
- ※ All measurements are made at an ambient temperature of 25 °C

THERMAL CONSIDERATIONS

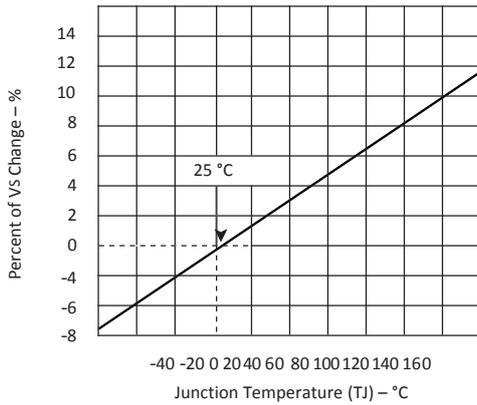
Symbol	Parameter	Value	Unit
T _J	Operating Junction Temperature	-55 to +125	°C
T _S	Storage Temperature Range	-55 to +150	°C
R _{θJA}	Junction to Ambient on printed circuit	120	°C/W



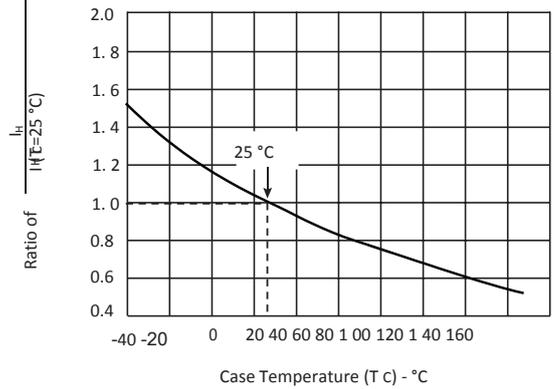
V-I Characteristics



$t_r \times t_d$ Pulse Waveform

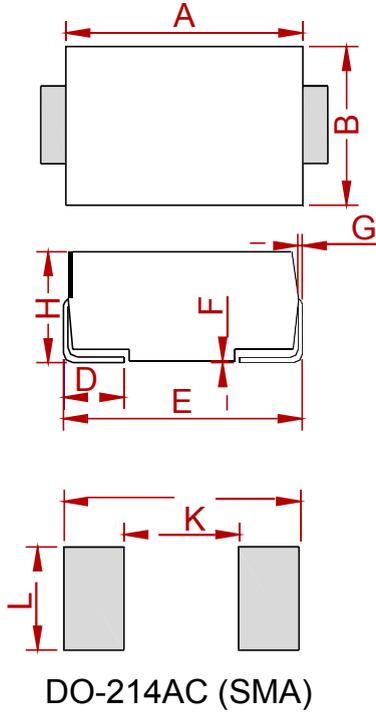


Normalized V_S Change vs. Junction Temperature



Normalized DC Holding Current vs. Case Temperature

PACKAGE MECHANICAL DATA



Ref.	Dimensions			
	Millimeters		Inches	
	Min.	Max.	Min.	Max.
A	4.25	4.65	0.167	0.183
B	2.50	2.90	0.098	0.114
C	1.35	1.65	0.053	0.065
D	0.76	1.52	0.030	0.060
E	4.93	5.28	0.194	0.208
F	0.051	0.203	0.002	0.008
G	0.15	0.31	0.006	0.012
H	1.98	2.41	0.078	0.095
J	6.50		0.256	
K		2.30		0.090
L	1.70		0.067	

REEL SPECIFICATION

P/N	PKG	QTY
P0080TA-MS	SMA	7500

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