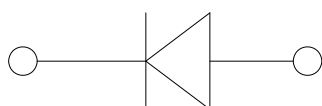


For use in high frequency rectification of power supplies, inverters, converters, and freewheeling diodes for consumer, automotive and telecommunication.



: DO-214AC (SMA)

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free

: Tin plated leads, solderable per

J-STD-002 and JESD22-B102

Cathode line denotes the cathode end

( $T_a=25$  Unless otherwise specified)

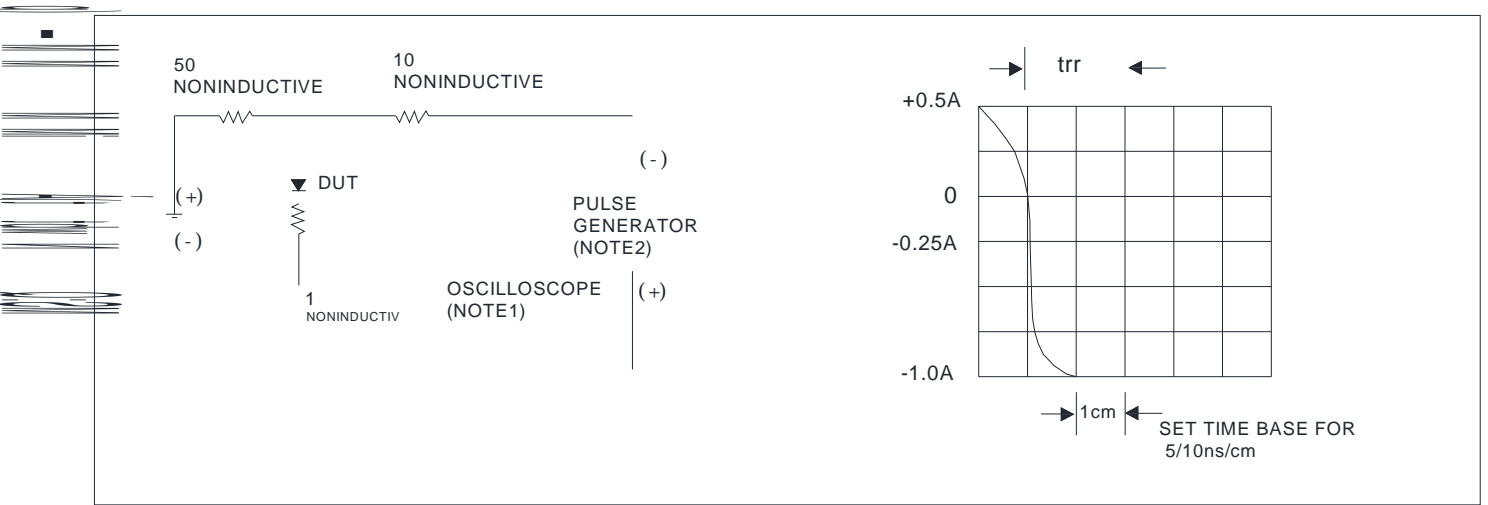
	FSM	A	30
Storage temperature	$T_{stg}$		-55~+150
Junction temperature	$T_J$		-55 ~ +150

$T_a$

Maximum instantaneous forward voltage drop per diode	$V_F$	V	$I_{FM}=1.0A$	1.7
Maximum reverse recovery time	$T_{RR}$	ns	$I_F=0.5A, I_R=1.0A, I_{rr}=0.25A$	75
Maximum DC reverse current at rated DC blocking voltage per diode @ $V_{RM}=V_{RRM}$	$I_{RRM}$	$\mu A$	$T_a=25$	5
			$T_a=100$	50
Typical junction capacitance	$C_J$	pF	$V_R=4V, f=1MHz$	10

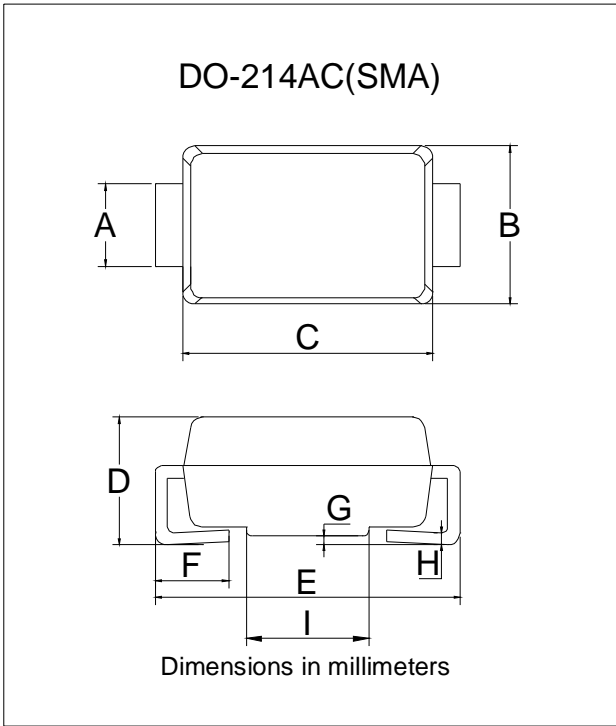
v7KHUPDO &KDUDÄ7W HUL800LHV VV RWKHUÄLVH VSHFLILHG

3\$5\$0(7(5	6<0%2/	81,7	+6 04
7\SLFDO 7KHUPDO 5HVLVWDQFH	5 . \$	- :	

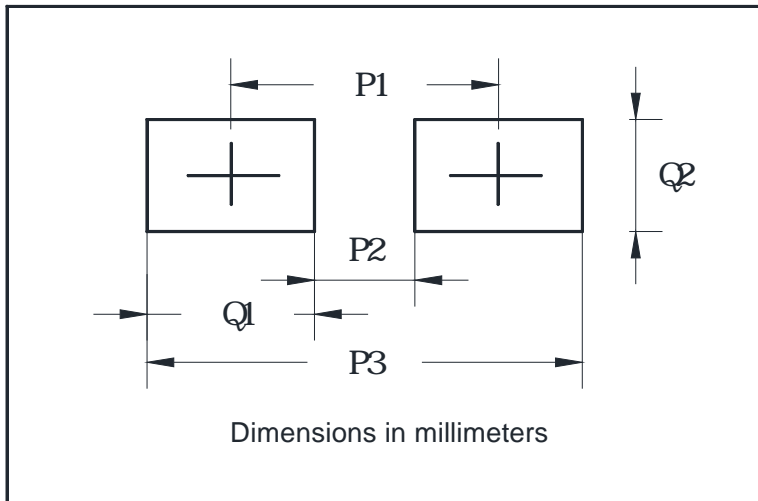


(Example)

HS1MQ	F2	Approximate 0.067	7500	/	120000	13" reel



Dim	Min	Max
A	1.25	1.58
B	2.40	2.83
C	4.00	4.75
D	1.90	2.30
E	4.93	5.28
F	0.76	1.41
G	0.05	0.20
H	0.15	0.31
I	1.7	2.1



Dim	Millimeters
P1	4.00
P2	1.50
P3	6.50
Q1	2.50
Q2	1.70



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The information presented in this

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