

- **Part Number** : DO-204AL(DO-41)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- **Lead Finish** : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Marking** : Color band denotes the cathode end

Device marking code			SF19G
Maximum Repetitive Peak Reverse Voltage	VRRM	V	800
Maximum RMS Voltage	VRMS	V	560
Maximum DC blocking Voltage	VDC	V	800
Average Forward Current @60Hz sine wave, Resistance load, Ta =60	IF(AV)	A	1.0
	FSM	A	30
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			60
Current squared time @1ms≤t8.3≤ms Tj=25 Rating of per diode	I²t	A²s	3.735
Typical junction capacitance @ Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	Cj	pF	11
Storage Temperature	T		

Maximum reverse recovery time	t_{rr}	ns	$I_F=0.5A, I_R=1.0A, I_L=0.25A$	35
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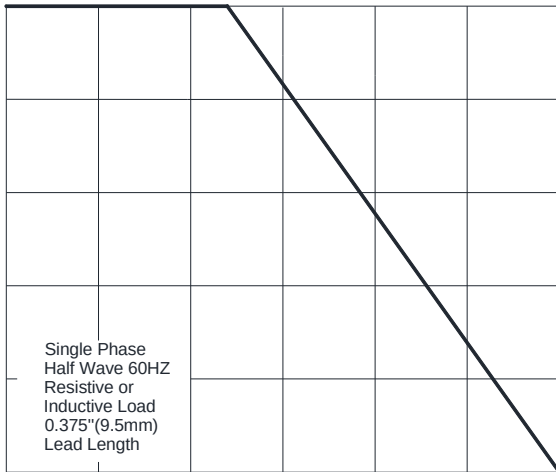
■ $T_a=25$ Unless otherwise specified

Typical Thermal Resistance	$R_{\theta J-A}$	/W	60

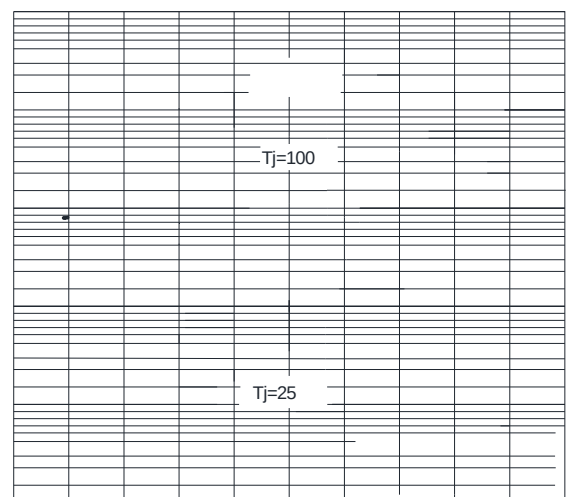
■ (Example)

SF19G	D1	Approximate 0.30	5000	5000	50000	Tape
SF19G	C1	Approximate 0.30	1000	1000	50000	Bulk

■ (Typical)

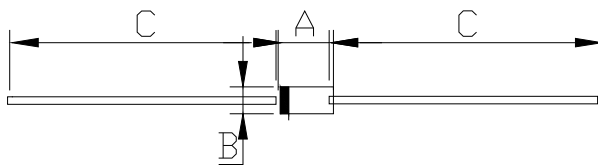


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DO-204AL(DO-41)



Dim	Min	Max
A	4.22	5.21
B	2.03	2.72
C	25.4	/
D	0.69	0.86



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