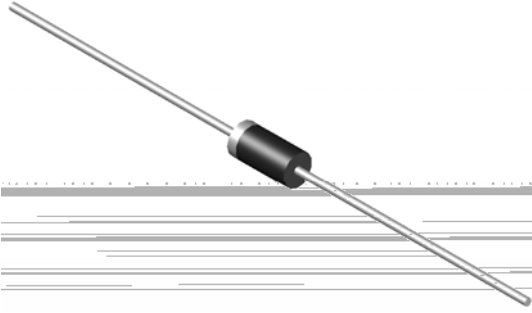
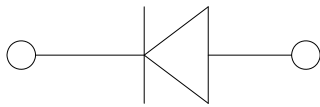




- High efficiency
- High current capability
- High reliability
- High surge current capability
- Low power loss
- Glass passivated chip junction
- Solder dip 275 °C max. 7 s, per JESD 22-B106

For use in general purpose rectification of power supplies, inverters, converters, and freewheeling diodes for consumer, and telecommunication.



- : DO-204AC(DO-15)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Color band denotes cathode end

(Ta=25 Unless otherwise specified

Device marking code			RL208G
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	1200
Maximum RMS Voltage	V_{RMS}	V	840
Maximum DC blocking Voltage	V_{DC}	V	1200
Average Forward Current @60Hz sine wave, Resistance load, Ta =60	$I_{F(AV)}$	A	2.0
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, Tj=25	I_{FSM}	A	70
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			120
Current squared time @1ms≤t≤8.3ms Tj=25 Rating of per diode	I^2t	A ² s	20.335
Typical junction capacitance @Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	Cj	pF	12
Storage Temperature	Tstg		-55 ~ +150
Junction Temperature	Tj		-55 ~ +150



Ta=25 Unless otherwise specified

at rated DC blocking voltage
per diode

IR μA

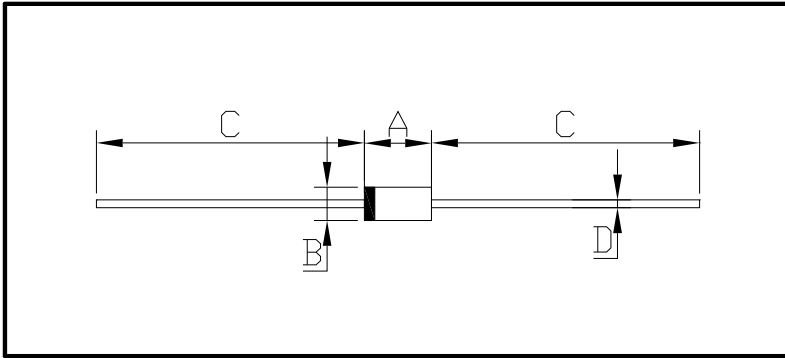
			Tj=125	50



$T_a=25$ Unless otherwise specified

Junction Thermal Resistance	$R_{\theta JA}$	/W	50

RL208G	D1	Approximate 0.38	3000	3000	30000	Tape
RL208G	C1	Approximate 0.38	500	500	25000	Bulk



Dim	Min	Max
A	5.80	7.60
B	2.60	3.60
C	25.4	/
D	0.70	0.90



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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

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