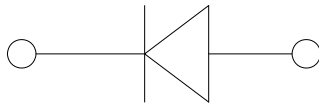
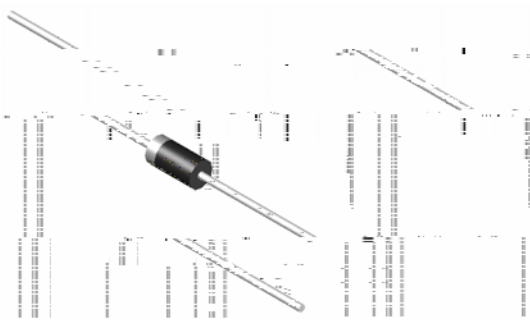


General Purpose Rectifier



Features

- 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

Mechanical Data

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

■Maximum Ratings (Ta=25% Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	BY133G
Device marking code			BY133G
Maximum Repetitive Peak Reverse Voltage	VRRM	V	1300
Maximum RMS Voltage	VRMS	V	910
Maximum DC blocking Voltage	VDC	V	1300
Average Forward Current @60Hz sine wave, Resistance load, Ta =80%	IF(AV)	A	1.0
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, Tj=25%	IFSM	A	30
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25%			60
Current squared time @1ms≤t≤8.3ms Tj=25% Rating of per diode	I ² t	A ² s	3.735
Typical junction capacitance PARAMETER			

	SYMBOL	UNIT	TEST CONDITIONS	BY133G
Maximum instantaneous forward voltage drop per diode	VF	V	IFM=1.0A	1.1
Maximum DC reverse current at rated DC blocking voltage per diode	IR	μA	Tj=25%	2.5
			Tj=125%	100

v7KHUPDO &KDUDÄ7WHUL8VQDFFVV RWKHUÄLVH VSHFLILHG

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BY133G

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