

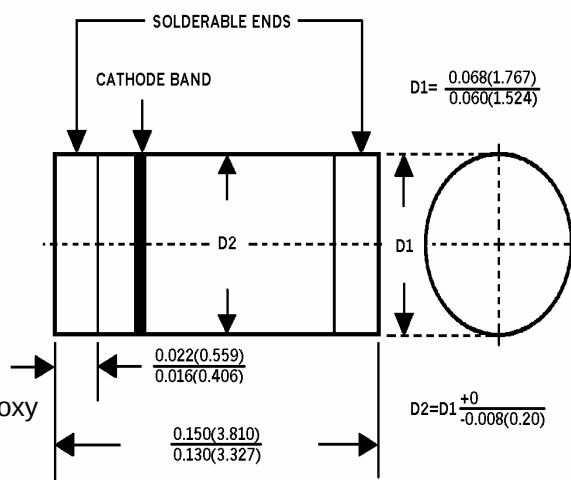
FEATURES

- Low power loss, high efficient
- High surge current capability.
- Low forward voltage drop
- For use in low voltage, high frequency inverters, free wheeling application
- Guarding for overvoltage protection

MECHANICAL DATA

- Case: Molded plastic use UL94V-0 recognized flame retardant epoxy
- Terminals: Plated terminals
- Polarity: Color band on body denotes cathode
- Mounting position: Any
- Weight: 0.0317 gram

DO-213AA/MINI MELF



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C Ambient temp. Unless otherwise specified. Single phase, half sine wave, 60HZ, resistive or inductive load. For capacitive load, derate current by 20%

	符號 SYMBOL	LGL 341-20	LGL 341-30	LGL 341-40	LGL 341-50	LGL 341-60	單位 UNITS
最大峰值反向電壓 Maximum Current Peak Reverse Voltage	VRRM	20	30	40	50	60	Volts
最大反向有效電壓 Maximum RMS Voltage	VRMS	14	24	28	35	42	Volts
最大直流阻斷電壓 Maximum DC Blocking Voltage	VDC	20	30	40	50	60	Volts
最大正向平均整流電流 Maximum Average Forward Rectified Current	I(AV)	1.0					Amps
正向峰值浪涌電流 Peak Forward Surge Current Single Sine-wave on Rated Load (JEDEC Method)	IFSM	10.0					Amps
1A直流電時最大正向瞬間電壓降 Maximum Instantaneous Forward Voltage Drop at 1A DC	VF	0.45	0.55	0.6	0.70		Volts
最大反向漏電流 Maximum DC Reverse Current T _A =25 °C at Rated DC Blocking Voltage T _A =100 °C	IR	0.5 10.0					mA
典型熱阻 Typical Thermal Resistance	RθJA	75					°C/W
典型結電容 Typical Junction Capacitance	CJ	110.0			90.0		pF
工作溫度和存儲溫度 Operating Junction and Storage Temperature Range	TJ, TSTG	-55 to +125			-55 to +150		°C

FIG. 1- 輸出電流降額曲線
FIG. 1 - DERATING CURVE FOR OUTPUT RECTIFIER CURRENT

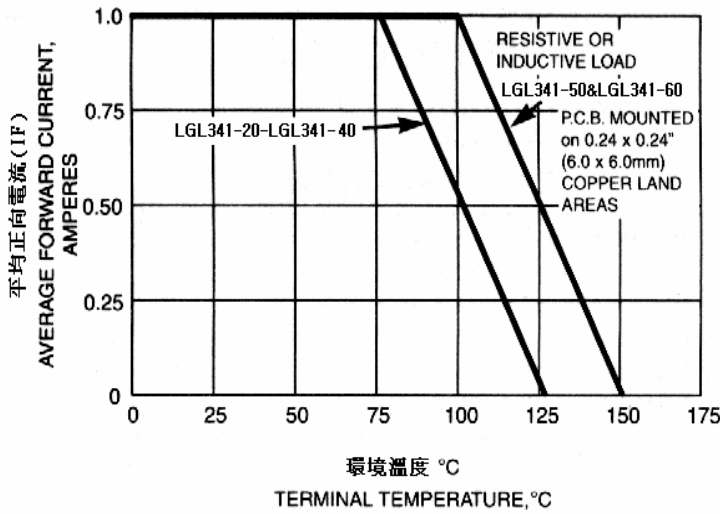


FIG. 2-浪涌特性曲線 (最大值)
FIG. 2 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

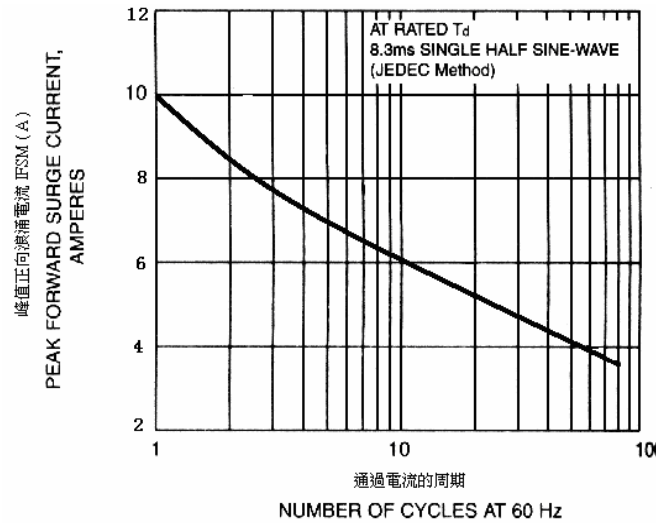


FIG. 3 - 反向特性曲線(典型值)
FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

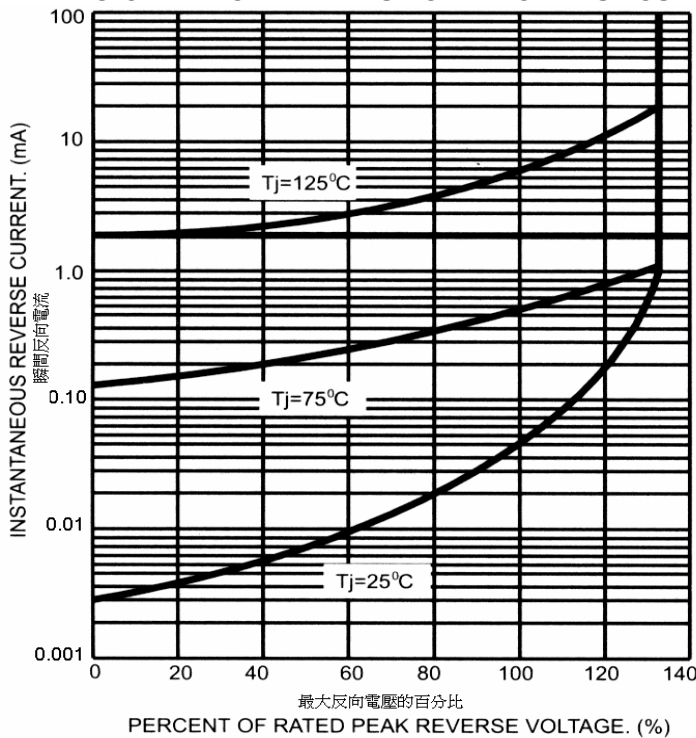


FIG. 4 - 表面電容(典型值)
FIG. 4 - TYPICAL JUNCTION CAPACITANCE

