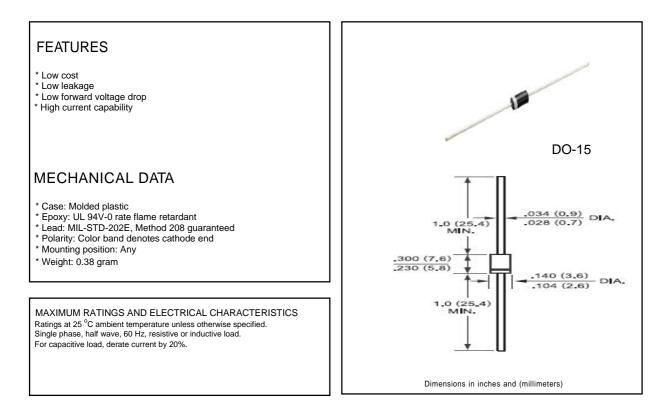


HITANO ENTERPRISE CORP.

RL201 THRU RL207

TECHNICAL SPECIFICATIONS OF SILICON RECTIFIER

VOLTAGE RANGE - 50 to 1000 Volts CURRENT - 2.0 Amperes



		SYMBOL	RL201	RL202	RL203	RL204	RL205	RL206	RL207	UNITS
Maximum Recurrent Peak Reverse Voltage		Vrrm	50	100	200	400	600	800	1000	Volts
Maximum RMS Voltage		VRMS	35	70	140	280	420	560	700	Volts
Maximum DC Blocking Voltage		VDC	50	100	200	400	600	800	1000	Volts
Maximum Average Forward Rectified Current at TA = 75 ^o C		lo	2.0							Amps
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC Method)		IFSM	70							Amps
Maximum Instantaneous Forward Voltage at 2.0A DC		VF	1.1							Volts
Maximum DC Reverse Current at Rated DC Blocking Voltage	@Ta = 25 [°] C	IR	5.0							uAmps
	@Ta = 100 [°] C		500							
Maximum Full Load Reverse Current Average, Full Cycle .375*(9.5mm) lead length at T L = 75° C		к	30							uAmps
Typical Junction Capacitance (Note)		CJ	20							pF
Typical Thermal Resistance		RθJA	40							⁰ C/W
Operating and Storage Temperature Range		TJ, TSTG	-65 to + 175							°C

Note : Measured at 1 MHz and applied reverse voltage of 4.0 volts

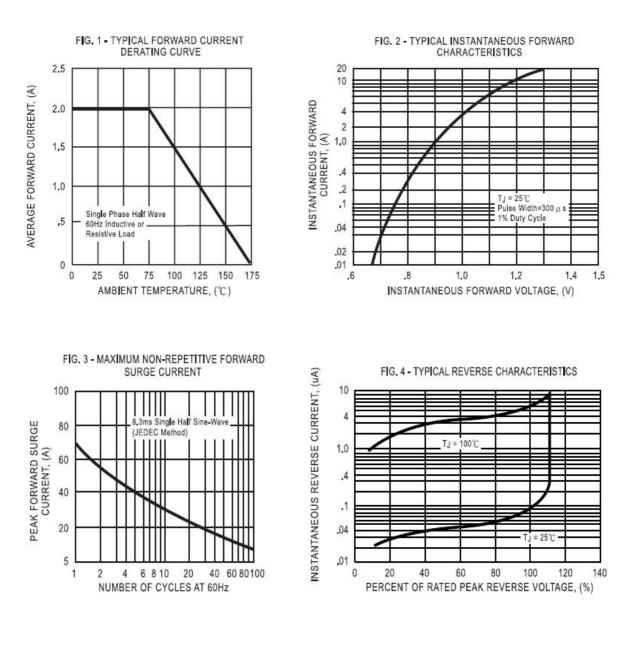


FIG. 5 - TYPICAL JUNCTION CAPACITANCE

