



HIGH VOLTAGE FAST RECOVER RECTIFIER

VOLTAGE RANGE 2500 to 5000 Volts CURRENT 0.2 Ampere



Typical Junction Capacitance (Note)

ELECTRICAL CHARACTERISTICS (At TA = 25°C unless otherwise noted)

CHARACTERISTICS	SYMBOL	R2500F	R3000F	R4000F	R5000F	UNITS	
Maximum Instantaneous Forward Voltage at 0.2A DC		VF	4.0	4.0 5.0 6.5		.5	Volts
Maximum DC Reverse Current @TA = 25°C			5.0				
at Rated DC Blocking Voltage	@Ta =100°C	IR	50				uAmps
Maximum Full Load Reverse Current Average .375", (9.5mm) lead length at TL = 75°C			uAmps				
Maximum Reverse Recovery Time (Note 4)	trr	500			nSec		

TJ, TSTG

30

-55 to + 150

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

2 " ROHS compliant"

Operating and Storage Temperature Range

3. Available in Halogen-free epoxy by adding suffix -HF after the part nbr.

4. Test Conditions: IF= 0.5A, IR= -1.0A, IRR= -0.25A.

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RATING AND CHARACTERISTIC CURVES (R2500F THRU R5000F)





8.3ms Single Half Sine-Wave (JEDEC Method)

10

100

Marking Description



PACKAGING OF DIODE AND BRIDGE RECTIFIERS

BULK PACK

PACKAGE	PACKING CODE	EA PER BOX	INNER BOX SIZE (mm)	CARTON SIZE (mm)	EA PER CARTON	GROSS WEIGHT(Kg)
DO-15	-B	500	194*84*21	415*220*255	25,000	12.74

REEL PACK

PACKAGE	PACKING CODE	EA PER REEL	EA PER INNER BOX	COMPONENT SPACE (mm)	TAPE SPACE (mm)	REEL DIA (mm)	CARTON SIZE (mm)	EA PER CARTON	GROSS WEIGHT(Kg)
DO-15	-T	4,000	4,000	5.0	52	330	355*350*335	16,000	10.05

AMMO PACK

PACKAGE	PACKING	REEL	COMPONENT	TAPE SPACE	BOX SIZE	CARTON	CARTON	GROSS
	CODE	(EA)	SPACE(mm)	(mm)	(mm)	SIZE(mm)	(EA)	WEIGHT (Kg)
DO-15	-F	1,500	5.0	52	255*73*100	400*268*225	15,000	8.8



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