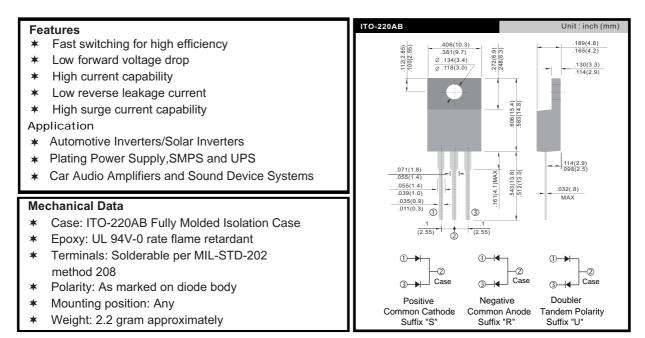
Pb Free Plating Product



FML22R thru FML24R



10.0 Ampere Insulated Common Anode Ultra Fast Recovery Rectifiers



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

	SYMBOL	FML22R	FML23R	FML24R	UNIT
Maximum Recurrent Peak Reverse Voltage	Vrrm	200	300	400	V
Maximum RMS Voltage	VRMS	140	210	280	V
Maximum DC Blocking Voltage	VDC	200	300	400	V
Maximum Average Forward Rectified Current Tc=100°C	IF(AV)		10.0		A
Peak Forward Surge Current, 8.3ms single Half sine-wave superimposed on rated load (JEDEC method)	IFSM		100		A
Maximum Instantaneous Forward Voltage @ 5.0 A	VF	0.98	1.3	1.3	V
Maximum DC Reverse Current @TJ=25°C At Rated DC Blocking Voltage @TJ=125°C	IR	10.0 250			uA uA
Maximum Reverse Recovery Time (Note 1)	Trr	35			nS
Typical junction Capacitance (Note 2)	CJ	65			pF
Typical Thermal Resistance (Note 3)	Rejc	2.2			°CW
Operating Junction and Storage Temperature Range	TJ, TSTG	-55 to +150			°C

NOTES : (1) Reverse recovery test conditions $I_F = 0.5A$, $I_R = 1.0A$, $I_{T} = 0.25A$. (2) Measured at 1.0 MHz and applied reverse voltage of 4.0 Volts DC. (3) Thermal Resistance junction to case

(3) Thermal Resistance junction to case.

Rev.04



