

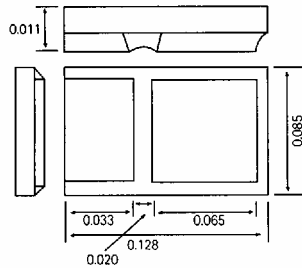
RF3 Series

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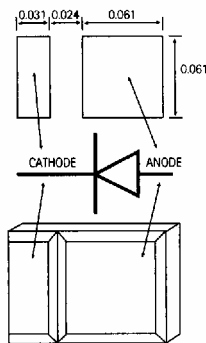
3.0 Amp SURFACE MOUNT RECTIFIER FLIP-CHIP

Dimensions

Inches



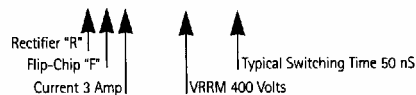
Recommended Pad Sizes



Ratings

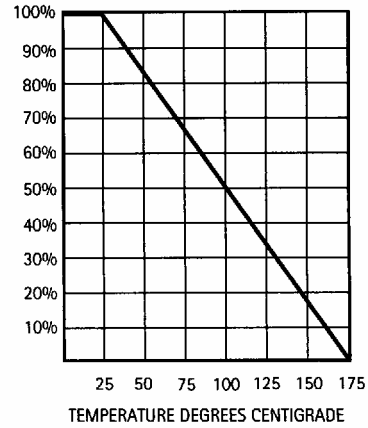
V_{RRM}	Max Recurrent Peak Reverse Voltage @ 25°C	400V - 1000V
I_R	Max DC Reverse Current @ Vr 25°C	5.0uA
$I_{(AV)}$	Max Average Forward Current @ 25°C	3.0Amp
V_F	Max Average Forward Voltage @ 25°C	1.2V
I_{FSM}	Peak Forward Surge Current @ 25°C	180 Amp
T_{RR}	Typical Reverse Recovery Time	50nS - 500nS

RF3 - 400 - 50



- Maximum Operating and Junction temperature range -55 Deg C to +175 Deg C
- Specify tape and reel or waffle pack suffix TR or WP

Single Pulse Power Rating



Features:

- Fully Glass Passivated
- 3.0 Amp
- 50-1000 Volts
- Eliminates Wire Bonding
- Solderable up to 425 Degrees Centigrade/2 Mins
- Flip - Chip
- Fast Recovery

RF3 Series

Device	Max Recurrent Peak Reverse Voltage @ 25°C	Max DC Reverse Current @ 25°C	Max Average Forward Voltage @ 25°C	Max Average Forward Current @ 25°C	Peak Forward Surge Current @ 25°C	Typical Reverse Recovery Time
	VRRM Volt	IR uA	VF Volt	I(AV) Amp	IFSM Amp	nS
RF3-50-50	50	3	1.2	3	180	50
RF3-100-50	100	3	1.2	3	180	50
RF3-200-50	200	3	1.2	3	180	50
RF3-500-50	500	3	1.2	3	180	50
RF3-600-50	600	3	1.2	3	180	50
RF3-800-50	800	3	1.2	3	180	50
RF3-1000-50	1000	3	1.2	3	180	50
RF3-50-100	50	3	1.2	3	180	100
RF3-100-100	100	3	1.2	3	180	100
RF3-200-100	200	3	1.2	3	180	100
RF3-500-100	500	3	1.2	3	180	100
RF3-600-100	600	3	1.2	3	180	100
RF3-800-100	800	3	1.2	3	180	100
RF3-1000-100	1000	3	1.2	3	180	100
RF3-50-200	50	3	1.2	3	180	200
RF3-100-200	100	3	1.2	3	180	200
RF3-200-200	200	3	1.2	3	180	200
RF3-500-200	500	3	1.2	3	180	200
RF3-600-200	600	3	1.2	3	180	200
RF3-800-200	800	3	1.2	3	180	200
RF3-1000-200	1000	3	1.2	3	180	200
RF3-50-500	50	3	1.2	3	180	500
RF3-100-500	100	3	1.2	3	180	500
RF3-200-500	200	3	1.2	3	180	500
RF3-500-500	500	3	1.2	3	180	500
RF3-600-500	600	3	1.2	3	180	500
RF3-800-500	800	3	1.2	3	180	500
RF2-1000-500	1000	3	1.2	3	180	500
RF3-50	50	3	1.2	3	180	-
RF3-100	100	3	1.2	3	180	-
RF3-200	200	3	1.2	3	180	-
RF3-500	500	3	1.2	3	180	-
RF3-600	600	3	1.2	3	180	-
RF3-800	800	3	1.2	3	180	-
RF3-1000	1000	3	1.2	3	180	-