

BOURNS®

Multifuse®

Resettable Fuses

MF-RG model series

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Resettable Overcurrent Protector

Preliminary spec

Device Specification Sheet

Power Rating:

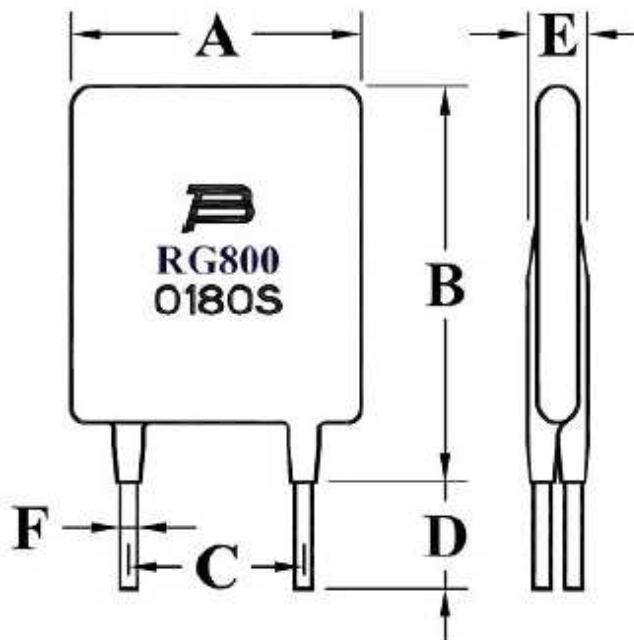
Max. Operating Voltage : 16 V_{dc}

Max. Operating Current : 100 A

Working Temperature : -40 ~ 85 °C

Part feature & marking(example):

 Logo
RG800 Part ID
0 180 S China Lot No. Year code



Part No.	Dimension (mm)					
	A (Max)	B (Max)	C (Nom)	D (Min)	E (Max)	F (Nom)
MF-RG250	8.9	12.8	5.1±0.7	6.18	3.0	Φ 0.51
MF-RG300	7.1	11.0	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG400	8.9	12.8	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG500	10.4	14.3	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG600	10.7	17.1	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG700	11.2	19.7	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG800	12.7	20.9	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG900	14.0	21.7	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG1000	16.5	25.2	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG1100	17.5	26.0	5.1±0.7	7.6	3.0	Φ 0.81
MF-RG1200	17.5	28.0	10.2±0.7	7.6	3.5	Φ 1.0
MF-RG1400	23.5	27.9	10.2±0.7	7.6	3.5	Φ 1.0

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Electrical performance: (measured at 23 °C)

Part No.	I _{HOLD}	I _{TRIP}	P _{D TYP}	Max. Time-To-Trip		R _{MIN}	R _{MAX}	R _{1 MAX}
	(A)	(A)	(W)	(A)	(sec)	(Ω)	(Ω)	(Ω)
MF-RG250	2.5	4.7	1.0	12.5	5.0	0.0220	0.0350	0.0530
MF-RG300	3.0	5.1	2.3	15.0	1.0	0.0380	0.0645	0.0975
MF-RG400	4.0	6.8	2.4	20.0	1.7	0.0210	0.0385	0.0600
MF-RG500	5.0	8.5	2.6	25.0	2.0	0.0150	0.0230	0.0340
MF-RG600	6.0	10.2	2.8	30.0	3.3	0.0100	0.0185	0.0280
MF-RG700	7.0	11.9	3.0	35.0	3.5	0.0077	0.0130	0.0200
MF-RG800	8.0	13.6	3.0	40.0	5.0	0.0056	0.0110	0.0175
MF-RG900	9.0	15.3	3.3	45.0	5.5	0.0047	0.0092	0.0135
MF-RG1000	10.0	17	3.6	50.0	6.0	0.0040	0.0071	0.0102
MF-RG1100	11.0	18.7	3.7	55.0	7.0	0.0037	0.0062	0.0089
MF-RG1200	12.0	20.4	4.2	60.0	7.5	0.0033	0.0060	0.0086
MF-RG1400	14.0	23.8	4.6	70.0	9.0	0.0026	0.0045	0.0064

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