

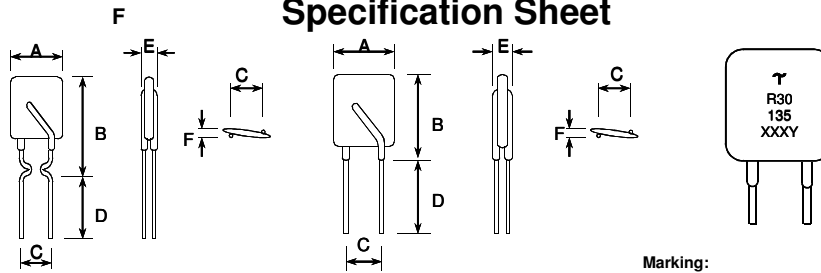
SEA&LAND ELECTRONIC CORP.

13F.,No.120-10,
Sec.3,Zhongshan Rd.,Zhonghe City,Taipei County,
Taiwan, R.O.C.
Tel.: 886-2-8221-2567
Fax.: 886-2-2225-7268

Techfuse
PTC Devices
Resettable Fuse

PRODUCT: R30 series
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
REV DATE: 2010/7/1
PAGE NO.: 1 of 1

Specification Sheet



Lead Material :

R30-090 ~ 250: Tin plated copper-clad steel, 0.205mm² (24AWG), Φ0.51mm(0.020 in).
R30-300 ~ 900: Tin plated copper, 0.52mm² (20AWG), Φ0.81mm(0.032 in).

Marking:

⌢ = Sea&Land Logo
R30 = Radial type 30 V
135 = 1.35A hold current
XXX = Date code
Y = Factory code

Insulating Material:

meets UL94 V-0 Requirements
Lead-free, RoHS Compliant

TABLE I. DIMENSIONS:(unit: mm/inch)

Model	A	B	C	D	E	F	Lead Style
	Max.	Max.	Typ.	Min.	Max.	Max.	
R30-030	7.4/0.29	10.2/0.4	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-040	7.4/0.29	11.4/0.45	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-050	7.4/0.29	11.4/0.45	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-065	7.4/0.29	11.4/0.45	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-070	7.4/0.29	11.4/0.45	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Kink
R30-075	7.4/0.29	11.4/0.45	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-090	7.4/0.29	12.2/0.48	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Kink
R30-110	7.4/0.29	14.2/0.56	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Kink
R30-135	8.9/0.35	13.5/0.53	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Kink
R30-160	8.9/0.35	15.2/0.60	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Kink
R30-185	10.2/0.40	15.7/0.62	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Kink
R30-250	11.4/0.45	18.3/0.72	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Kink
R30-300	11.4/0.45	17.3/0.68	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-400	14.0/0.55	20.1/0.79	5.1/0.20	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-500	14.0/0.55	24.9/0.98	10.2/0.40	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-600	16.5/0.65	24.9/0.98	10.2/0.40	7.6/0.3	3.0/0.12	1.2/0.05	Straight
R30-700	19.1/0.75	26.7/1.05	10.2/0.40	7.6/0.3	3.0/0.12	2.0/0.08	Straight
R30-800	21.6/0.85	29.2/1.15	10.2/0.40	7.6/0.3	3.0/0.12	2.0/0.08	Straight
R30-900	24.1/0.95	29.7/1.17	10.2/0.40	7.6/0.3	3.0/0.12	2.0/0.08	Straight

TABLE II. PERFORMANCE RATINGS:

Model	I _{hold} @ 25 °C (A)	I _{trip} @ 25 °C (A)	V _{max} (Vdc)	I _{max} (A)	P _d Typ. (W)	Maximum Time To Trip		Resistance		
						Current (A)	Time (Sec)	R _{imin} (W)	R _{imax} (W)	R _{1max} (W)
R30-030	0.30	0.60	30	40	0.44	8.00	0.3	0.370	0.720	1.080
R30-040	0.40	0.80	30	40	0.45	8.00	0.3	0.250	0.430	0.645
R30-050	0.50	1.00	30	40	0.46	8.00	0.3	0.150	0.400	0.600
R30-065	0.65	1.30	30	40	0.47	8.00	0.4	0.120	0.300	0.450
R30-070	0.70	1.40	30	40	0.48	8.0	0.4	0.100	0.250	0.375
R30-075	0.75	1.50	30	40	0.48	8.0	0.4	0.100	0.250	0.375
R30-090	0.90	1.80	30	40	0.6	4.50	5.9	0.070	0.145	0.220
R30-110	1.10	2.20	30	40	0.7	5.50	6.6	0.050	0.120	0.170
R30-135	1.35	2.70	30	40	0.8	6.75	7.3	0.040	0.085	0.130
R30-160	1.60	3.20	30	40	0.9	8.00	8.0	0.030	0.070	0.110
R30-185	1.85	3.70	30	40	1.0	9.25	8.7	0.030	0.060	0.090
R30-250	2.50	5.00	30	40	1.2	12.5	10.3	0.020	0.040	0.070
R30-300	3.00	6.00	30	40	2.0	15.0	10.8	0.020	0.050	0.080
R30-400	4.00	8.00	30	40	2.5	20.0	12.7	0.010	0.030	0.050
R30-500	5.00	10.00	30	40	3.0	25.0	14.5	0.010	0.030	0.050
R30-600	6.00	12.00	30	40	3.5	30.0	16.0	0.005	0.020	0.040
R30-700	7.00	14.00	30	40	3.8	35.0	17.5	0.005	0.020	0.030
R30-800	8.00	16.00	30	40	4.0	40.0	18.8	0.005	0.020	0.020
R30-900	9.00	18.00	30	40	4.2	40.0	20.0	0.005	0.010	0.020

Order Information

Packing

R30	135	K or S	R or U	Model	Reel Q'ty	Bag Q'ty
Radial type	Hold	K= Kink leads	R=Tape & reel	R30-030 ~ R30-075	-	500
30 V	Current	S=Straight		R30-090 ~ R30-250	3000	500
	(A)		U= Bulk	R30-300 ~ R30-400	1500	500
		leads	packaged	R30-500 ~ R30-900	-	500

Tape & Reel packaging per EIA468-B standard.