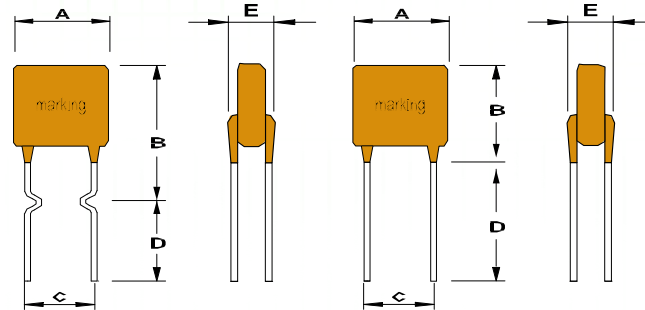


## Construction and Dimension



**Style1**

**Style2**

Unit:mm

Model	A Max.	B Max.	C		D Min	E Max	Physical characteristics		
			Nom.	Tol. ±			Style	Lead	Material
RDL30V090	7.4	12.2	5.1	0.7	7.6	3.0	1	0.51 dia.	Sn/CuFe
RDL30V110	7.4	14.2	5.1	0.7	7.6	3.0	1	0.51 dia.	Sn/CuFe
RDL30V135	8.9	13.5	5.1	0.7	7.6	3.0	1	0.51 dia.	Sn/CuFe
RDL30V160	8.9	15.2	5.1	0.7	7.6	3.0	1	0.51 dia.	Sn/CuFe
RDL30V185	10.2	15.7	5.1	0.7	7.6	3.0	1	0.51 dia.	Sn/CuFe
RDL30V250	11.4	18.3	5.1	0.7	7.6	3.0	1	0.51 dia.	Sn/CuFe
RDL30V300	11.4	17.3	5.1	0.7	7.6	3.0	2	0.81 dia.	Sn/Cu
RDL30V400	14.0	20.1	5.1	0.7	7.6	3.0	2	0.81 dia.	Sn/Cu
RDL30V500	14.0	24.9	10.2	0.7	7.6	3.0	2	0.81 dia.	Sn/Cu
RDL30V600	16.5	24.9	10.2	0.7	7.6	3.0	2	0.81 dia.	Sn/Cu
RDL30V700	19.1	26.7	10.2	0.7	7.6	3.0	2	0.81 dia.	Sn/Cu
RDL30V800	21.6	29.2	10.2	0.7	7.6	3.0	2	0.81 dia.	Sn/Cu
RDL30V900	24.1	29.7	10.2	0.7	7.6	3.0	2	0.81 dia.	Sn/Cu

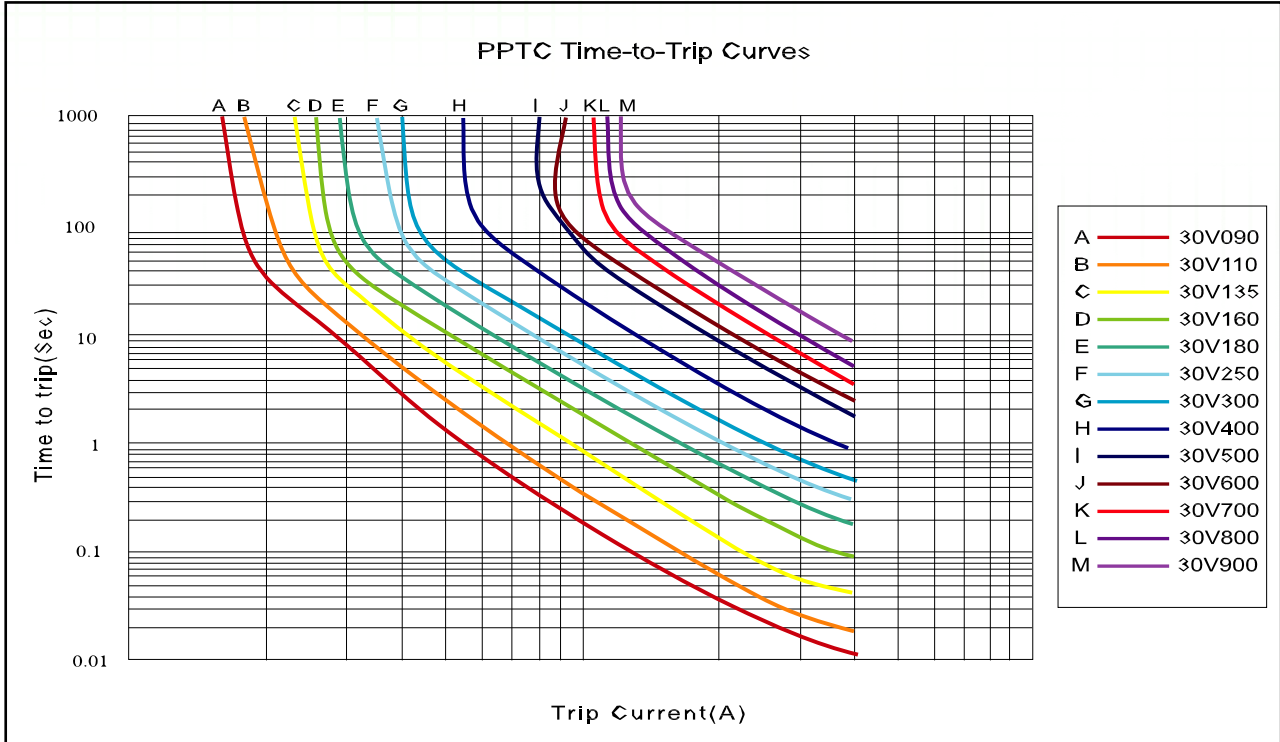
\* Models for style 2 are provided for customer request.

## Electrical Characteristics at 23°C :

Model	V <sub>max</sub> (Volts)	I <sub>max</sub> (Amps)	I <sub>hold</sub> (Amps)	I <sub>trip</sub> (Amps)	R <sub>min</sub> (Ω)	R <sub>max</sub> (Ω)	R <sub>1max</sub> (Ω)	P <sub>(d)</sub> (Watts)
RDL30V090	30	40	0.90	1.80	0.07	0.12	0.27	0.60
RDL30V110	30	40	1.10	2.20	0.05	0.10	0.22	0.70
RDL30V135	30	40	1.35	2.70	0.04	0.08	0.17	0.80
RDL30V160	30	40	1.60	3.20	0.03	0.07	0.15	0.90
RDL30V185	30	40	1.85	3.70	0.03	0.06	0.11	1.00
RDL30V250	30	40	2.50	5.00	0.02	0.05	0.08	1.20
RDL30V300	30	40	3.00	6.00	0.02	0.05	0.08	2.00
RDL30V400	30	40	4.00	8.00	0.01	0.03	0.05	2.50
RDL30V500	30	40	5.00	10.00	0.01	0.03	0.05	3.00
RDL30V600	30	40	6.00	12.00	0.005	0.02	0.04	3.50
RDL30V700	30	40	7.00	14.00	0.005	0.02	0.03	3.80
RDL30V800	30	40	8.00	16.00	0.005	0.02	0.03	4.00
RDL30V900	30	40	9.00	18.00	0.005	0.01	0.02	4.20

\*

### Typical Time to Trip Curves at 23°C :



### Thermal Derating Chart

Unit:Amps

TEMP( °C )	-40	-20	0	23	40	50	60	70	85
RDL30V090	1.40	1.25	1.15	0.90	0.75	0.65	0.57	0.50	0.35
RDL30V110	1.60	1.45	1.30	1.10	0.95	0.85	0.75	0.70	0.55
RDL30V135	2.00	1.85	1.60	1.35	1.15	1.05	0.95	0.85	0.70
RDL30V160	2.35	2.15	1.90	1.60	1.35	1.25	1.10	1.00	0.85
RDL30V185	2.75	2.50	2.20	1.85	1.60	1.45	1.25	1.15	0.95
RDL30V250	3.75	3.30	2.95	2.50	2.00	1.95	1.75	1.50	1.30
RDL30V300	4.50	3.95	3.50	3.00	2.55	2.35	2.05	1.85	1.55
RDL30V400	5.90	5.30	4.70	4.00	3.40	3.15	2.75	2.40	2.00
RDL30V500	7.35	6.60	5.85	5.00	4.25	3.90	3.55	3.25	2.80
RDL30V600	8.80	7.90	6.90	6.00	4.80	4.50	4.00	3.55	3.00
RDL30V700	10.5	9.10	8.00	7.00	5.70	5.20	4.55	4.15	3.50
RDL30V800	11.5	10.5	9.25	8.00	6.50	6.00	5.35	4.70	4.05
RDL30V900	14.0	11.9	10.5	9.00	7.30	6.75	6.00	5.20	4.45