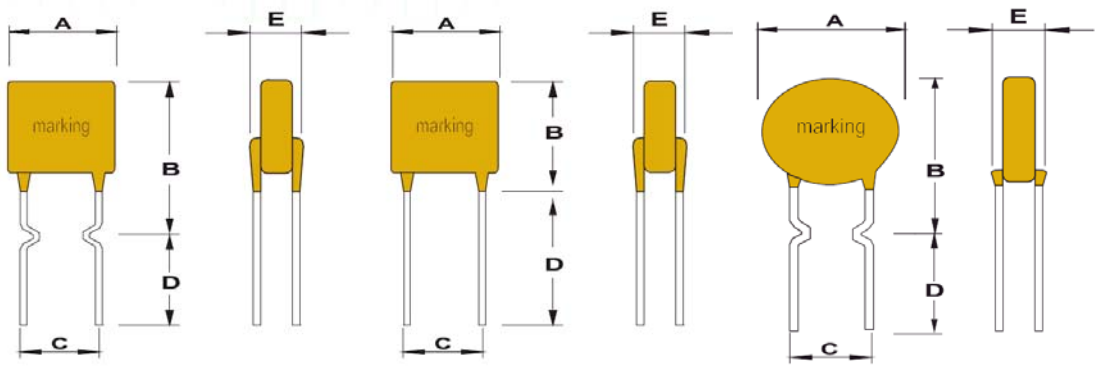
HITANO
ENTERPRISE CORP ®

Radial Leaded-RDL 16V Series
PPTC RESETTABLE FUSE

Construction and Dimension:



Unit:mm

Model	A	B	C		D	E	Physical characteristics		
	Max.	Max.	Nom.	Tol.±	Min.	Max.	Style	Lead	Material
RDL16V070	7.0	11.2	5.1	0.7	7.6	3.1	1	0.51 dia.	Sn/CuFe
RDL16V075	7.0	11.5	5.1	0.7	7.6	3.1	3	0.51 dia.	Sn/CuFe
RDL16V090	7.4	12.2	5.1	0.7	7.6	3.1	1	0.51 dia.	Sn/CuFe
RDL16V110	7.4	14.2	5.1	0.7	7.6	3.1	1	0.51 dia.	Sn/CuFe
RDL16V120	7.4	14.2	5.1	0.7	7.6	3.1	3	0.51 dia.	Sn/CuFe
RDL16V135	8.9	13.5	5.1	0.7	7.6	3.1	1	0.51 dia.	Sn/CuFe
RDL16V155	8.9	13.7	5.1	0.7	7.6	3.1	3	0.51 dia.	Sn/CuFe
RDL16V160	8.9	15.2	5.1	0.7	7.6	3.1	1	0.51 dia.	Sn/CuFe
RDL16V185	10.2	15.7	5.1	0.7	7.6	3.1	1	0.51 dia.	Sn/CuFe
RDL16V250	10.4	14.3	5.1	0.7	7.6	3.1	1	0.51 dia.	Sn/CuFe
RDL16V300	7.1	11.0	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V400	8.9	12.8	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V500	10.4	14.3	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V600	10.7	17.1	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V700	12.7	19.7	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V800	13.4	20.9	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V900	14.0	21.7	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V1000	16.5	25.2	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V1100	17.5	26.0	5.1	0.7	7.6	3.1	2	0.81 dia.	Sn/Cu
RDL16V1200	18.5	28.0	10.2	0.7	7.6	3.5	2	1.0 dia.	Sn/Cu
RDL16V1300	23.5	27.9	10.2	0.7	7.6	3.5	2	1.0 dia.	Sn/Cu
RDL16V1400	24.1	27.9	10.2	0.7	7.6	3.5	2	1.0 dia.	Sn/Cu
RDL16V1500	24.1	28.7	10.2	0.7	7.6	3.5	2	1.0 dia.	Sn/Cu

Electrical Characteristics at 23℃:

Model	V Max. (Volts)	I Max. (Amps)	I hold (Amps)	I trip (Amps)	R min (Ω)	R max (Ω)	R1 max (Ω)	P(d) (Watts)
RDL16V070	16	40	0.70	1.40	0.130	0.300	0.500	0.60
RDL16V075	16	40	0.75	1.50	0.090	0.200	0.400	0.60
RDL16V090	16	100	0.90	1.80	0.070	0.120	0.180	0.60
RDL16V110	16	100	1.10	2.20	0.050	0.095	0.140	0.70
RDL16V120	16	100	1.20	2.40	0.040	0.090	0.130	0.75
RDL16V135	16	100	1.35	2.70	0.040	0.074	0.120	0.80
RDL16V155	16	100	1.55	3.10	0.030	0.060	0.115	0.85
RDL16V160	16	100	1.60	3.20	0.030	0.061	0.110	0.90
RDL16V185	16	100	1.85	3.70	0.030	0.051	0.090	1.00
RDL16V250	16	100	2.50	5.00	0.020	0.035	0.060	1.20
RDL16V300	16	100	3.00	5.10	0.034	0.065	0.105	2.30
RDL16V400	16	100	4.00	6.80	0.020	0.039	0.063	2.40
RDL16V500	16	100	5.00	8.50	0.014	0.023	0.044	2.60
RDL16V600	16	100	6.00	10.20	0.009	0.019	0.030	2.80
RDL16V700	16	100	7.00	11.90	0.006	0.013	0.021	3.00
RDL16V800	16	100	8.00	13.60	0.005	0.011	0.018	3.00
RDL16V900	16	100	9.00	15.30	0.004	0.0092	0.015	3.30
RDL16V1000	16	100	10.00	17.00	0.003	0.0071	0.012	3.60
RDL16V1100	16	100	11.00	18.70	0.003	0.0062	0.010	3.70
RDL16V1200	16	100	12.00	20.40	0.002	0.006	0.009	4.20
RDL16V1300	16	100	13.00	23.00	0.002	0.006	0.009	4.40
RDL16V1400	16	100	14.00	23.80	0.002	0.0045	0.008	4.60
RDL16V1500	16	100	15.00	25.50	0.002	0.0045	0.008	4.80

Thermal Derating Chart

Unit:Amps

TEMP(C^0)	-40	-20	0	23	40	50	60	70	85
RDL16V070	0.90	0.84	0.77	0.70	0.56	0.50	0.45	0.38	0.31
RDL16V075	1.10	0.98	0.87	0.75	0.63	0.55	0.50	0.45	0.38
RDL16V090	1.40	1.25	1.15	0.90	0.75	0.65	0.57	0.50	0.38
RDL16V110	1.60	1.45	1.30	1.10	0.95	0.85	0.75	0.70	0.55
RDL16V120	1.70	1.55	1.38	1.20	1.00	0.87	0.78	0.72	0.63
RDL16V135	1.90	1.78	1.55	1.35	1.10	0.99	0.91	0.79	0.67
RDL16V155	2.13	1.91	1.75	1.55	1.28	1.16	1.05	0.97	0.85
RDL16V160	2.22	2.02	1.83	1.60	1.27	1.2	1.02	0.92	0.81
RDL16V185	2.55	2.34	2.10	1.85	1.52	1.40	1.15	1.05	0.93
RDL16V250	3.45	3.05	2.75	2.50	1.95	1.85	1.65	1.45	12.5
RDL16V300	4.20	3.75	3.40	3.00	2.42	2.23	1.94	1.75	1.41
RDL16V400	5.50	4.90	4.40	4.00	3.10	2.95	2.65	2.30	1.90
RDL16V500	6.95	6.20	5.55	5.00	4.05	3.70	3.35	3.05	2.60
RDL16V600	8.40	7.60	6.70	6.00	4.60	4.30	3.80	3.35	2.80
RDL16V700	9.81	8.70	7.70	7.00	5.50	5.00	4.35	3.95	3.30
RDL16V800	10.50	9.25	8.75	8.00	6.30	5.70	4.95	4.40	3.75
RDL16V900	13.00	11.45	10.10	9.00	7.05	6.45	5.70	4.90	4.15
RDL16V1000	14.05	12.25	11.15	10.00	7.95	7.15	6.45	5.65	4.75
RDL16V1100	15.00	13.35	12.50	11.00	9.00	8.00	7.15	6.40	5.20
RDL16V1200	16.25	14.85	13.75	12.00	9.65	8.55	7.65	6.85	5.75
RDL16V1300	17.55	16.30	14.65	13.00	10.40	9.15	8.05	7.15	6.10
RDL16V1400	18.85	17.45	15.35	14.00	10.05	9.95	8.75	7.75	6.75
RDL16V1500	20.25	18.75	17.00	15.00	12.25	10.95	9.55	8.53	7.35

Typical Time to Trip Curves at 23^{0}C: