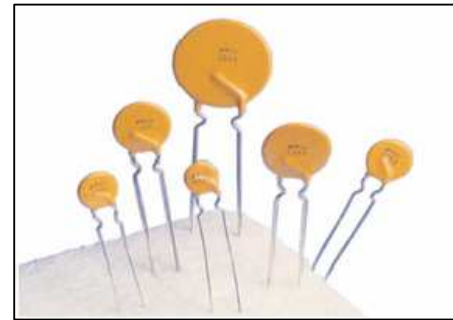




PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : RADIAL LEADED PTC RESETTABLE FUSE

PART NO: RLD120P SERIES
(REFER TABLE)



1. Summary

- (a) Application : Wide variety of electronic equipment
- (b) Product Features : Low hold current, solid state Radial-lead product ideal for up to 120VDC/ 120VAC
- (d) Operating current : 100mA~3.75A
- (e) Maximum voltage : 20VDC/120VAC
- (e) Temperature Range : -40°C to 85°C

2. Electrical Characteristics:

PART NUMBER	I HOLD (A)	I TRIP (A)	TIME MAX (Sec)	I MAX (A)	V MAX (Vdc)	PD MAX (w)	RESISTANCE	
							RMIN (Ω)	R1MAX (Ω)
RLD120P010X	0.10	0.20	4.0	2.0	120	0.57	2.50	7.50
RLD120P017X	0.17	0.34	3.0	2.0	120	0.59	2.00	7.00
RLD120P020X	0.20	0.40	2.2	2.0	120	0.62	1.83	4.40
RLD120P025X	0.25	0.50	2.5	3.0	120	0.68	1.25	3.00
RLD120P030X	0.30	0.60	3.0	3.0	120	0.74	0.88	2.10
RLD120P040X	0.40	0.80	3.8	3.0	120	0.84	0.55	1.29
RLD120P050X	0.50	1.00	4.0	3.0	120	1.16	0.50	1.17
RLD120P065X	0.65	1.30	5.3	3.0	120	1.32	0.31	0.72
RLD120P075X	0.75	1.50	6.3	5.0	120	1.38	0.25	0.60
RLD120P090X	0.90	1.80	7.2	5.0	120	1.49	0.20	0.47
RLD120P110X	1.10	2.20	8.2	5.0	120	2.25	0.15	0.38
RLD120P135X	1.35	2.70	9.6	8.0	120	2.55	0.12	0.30
RLD120P160X	1.60	3.20	11.4	8.0	120	2.85	0.09	0.22
RLD120P185X	1.85	3.70	12.6	8.0	120	3.15	0.08	0.19
RLD120P250X	2.50	5.00	15.6	12.0	120	3.75	0.05	0.13
RLD120P300X	3.00	6.00	19.8	15.0	120	4.20	0.04	0.10
RLD120P375X	3.75	7.50	24.0	15.0	120	4.80	0.03	0.08

NOTE : Specification subject to change without notice.



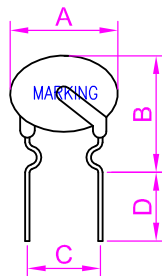
PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : RADIAL LEADED PTC RESETTABLE FUSE

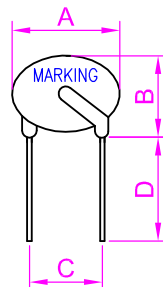
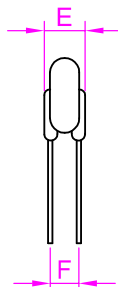
PART NO: RLD120P SERIES
(REFER TABLE)

- IH** = Hold current—maximum current at which the device will not trip at 23°C still air.
 - IT** = Trip current—minimum current at which the device will always trip at 23°C still air.
 - VMAX** = Maximum voltage device can withstand without damage at its rated current (I max).
 - IMAX** = Maximum fault current device can withstand without damage at rated voltage (V max.).
 - Pd** = Typical power dissipated—type amount of power dissipated by the device when in the tripped state in 23°C still air environment.
 - RMIN** = Minimum device resistance at 23°C prior to tripping.
 - R1MAX** = Maximum device resistance at 23°C measured 1 hour post trip.
- Termination pad characteristics.
Termination pad materials: Tin plated copper

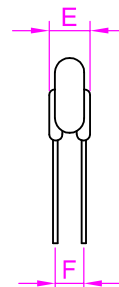
3. Product Dimensions (millimeter):



RLD120P010X ~ RLD120P090X
Lead Size : 22AWG
Ø 0.65 mm



RLD120P110X ~ RLD120P375X
Lead Size : 20AWG
Ø 0.81 mm



NOTE : Specification subject to change without notice.

A	ORIGINAL		RAJESH	10.12.2011		
REV.	DESCRIPTION			DRN. BY	DATE	CK'ED BY APP'D BY
Projection: 		Scale: NTS	Sht. Size: A4	Gen. Tol.: ±0.3mm ±2°	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.	



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : RADIAL LEADED PTC RESETTABLE FUSE

PART NO: RLD120P SERIES
(REFER TABLE)

PART NUMBER	A (MAX)	B (MAX)	C (TYP)	D (MIN)	E (MAX)	F (TYP)
RLD120P010X	7.9	12.7	5.1	7.6	5.0	3.0
RLD120P017X	7.9	12.7	5.1	7.6	5.0	3.0
RLD120P020X	7.9	12.2	5.1	7.6	5.0	3.0
RLD120P025X	7.9	12.7	5.1	7.6	5.0	3.0
RLD120P030X	7.9	13.0	5.1	7.6	5.0	3.0
RLD120P040X	8.2	14.2	5.1	7.6	5.0	3.0
RLD120P050X	9.2	14.9	5.1	7.6	5.0	3.0
RLD120P065X	9.7	14.9	5.1	7.6	5.0	3.0
RLD120P075X	10.6	15.5	5.1	7.6	5.0	3.0
RLD120P090X	11.9	15.9	5.1	7.6	5.0	3.0
RLD120P110X	13.3	18.3	5.1	7.6	5.0	3.0
RLD120P135X	15.5	20.6	5.1	7.6	5.0	3.0
RLD120P160X	17.5	22.5	5.1	7.6	5.0	3.0
RLD120P185X	19.9	24.9	5.1	7.6	5.0	3.0
RLD120P250X	22.5	27.5	10.2	7.6	5.0	3.0
RLD120P300X	25.5	30.0	10.2	7.6	5.0	3.0
RLD120P375X	29.5	34.0	10.2	7.6	5.0	3.0

ORDERING INFORMATION

RLD120P SERIES
(REFER TABLE)

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