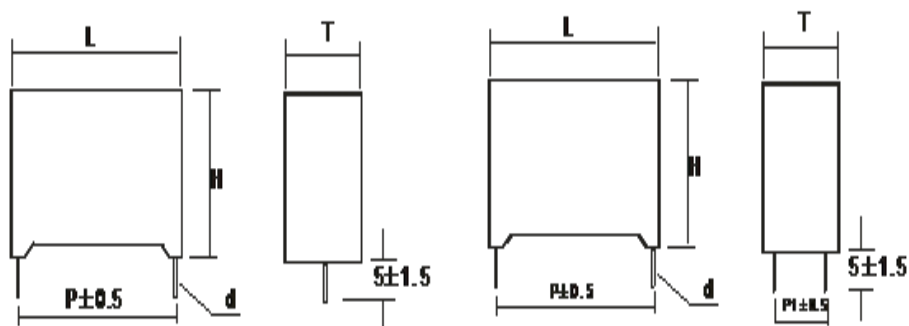
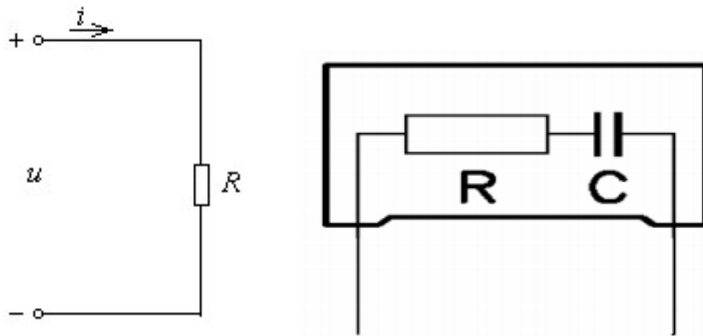


GENERAL TECHNICAL CHARACTERISTICS	
Reference standard	IEC 61071-60068
Climatic category:	40/85/56
Dielectric :	Polypropylene film, resin filling
Construction :	Extended metallized film ,Dry construction, Precision resistor
Features:	high current. Low inductance, self healing
Coating :	Plastic shell, UL 94V-0
ELECTRICAL CHARACTERISTICS	
Working temperature :	-40 to + 100°C (max hotspot ≤ 70°C)
Storage temperature :	-40 to + 85°C
Capacitance :	0.1-1 μF
Rated Voltage	100-1000 Vac
Tolerance :	± 5%(J) ± 10%(K)
Failure rate:	50FIT
Dissipation factor	≤ 0.01 Measured at 1000Hz 25°C
Life expectancy :	100,000 hours at Un and 70°C
TEST METHODS AND PERFORMANCES	
Test voltage between terminals	1,6 xUr (DC) applied for 2s at 25±5°C
Test voltage terminals and case :	1.2KV, (60s 50Hz 20± 5°C) or 2Kv 2s
Insulation resistance (C*Ri) :	≥ after 1 minute of electrification at 100Vdc (25±5°C)

Outline drawing:



Electrical connection diagram:



Characteristic explain:

- Effective for absorbing surge voltage casued by inductive loads and other factors.
- Most suitable for protection of contact points of magnetic relays, switches,etc.and for suppressing chattering therefrom.

Electrical specifications,

Part Number	CAP μF	Resistanc e Ohm	Dimension (mm)			Rated voltage	Resistanc e power W	Pitch P=±0.5m	d mm
			L±1m m	T±1 mm	H±1m m				
60Vac 50/60Hz									
MCR-P0.1uF300vac120R2WL	0.1	120	18.5	7	15.5	300	2	15	0.6
MCR-P0.1uF300vac47R2WL	0.1	47	18.5	7	15.5	300	2	15	0.6
MCR-P0.1uF300vac510R2WL	0.1	510	18.5	7	15.5	300	2	15	0.6
MCR-P0.01uF300vac10R2WL	0.01	10	18.5	5	11	300	1/2	15	0.6
MCR-P0.012uF300vac47R2WL	0.012	47	18.5	5	11	300	1/2	15	0.6
MCR-P0.015uF300vac68R2WL	0.015	68	18.5	5	11	300	1/2	15	0.6
MCR-P0.018uF300vac120R2WL	0.018	120	18.5	5	11	300	1/2	15	0.6
MCR-P0.0022uF300vac510R2WL	0.0022	510	18.5	5	11	300	1/2	15	0.6
MCR-P0.0027uF300vac120R2WL	0.0027	120	18.5	5	11	300	1/2	15	0.6
MCR-P0.0033uF300vac220R2WL	0.0033	220	18.5	5	11	300	1/2	15	0.6
MCR-P0.0047uF300vac330R2WL	0.0047	330	18.5	5	11	300	1/2	15	0.6
MCR-P0.0056uF300vac470R2WL	0.0056	470	18.5	5	11	300	1/2	15	0.6

## MCR-P series Monophase RC unit

MCR-P0.0082uF300vac510R2WL	0.0082	510	18.5	6	12	300	1/2	15	0.6
MCR-P0.1uF300vac10R2WL	0.1	10	18.5	7	11	300	1	15	0.6
MCR-P0.12uF300vac33R2WL	0.12	33	18.5	7	11	300	1	15	0.6
MCR-P0.15uF300vac47R2WL	0.15	47	18.5	7	11	300	1	15	0.6
MCR-P0.18uF300vac51R2WL	0.18	51	26.5	7	16.5	300	1	22.5	0.8
MCR-P0.22uF300vac68R2WL	0.22	68	26.5	7	16.5	300	1	22.5	0.8
MCR-P0.27uF300vac100R2WL	0.27	100	26.5	7	16.5	300	1	22.5	0.8
MCR-P0.33uF300vac120R2WL	0.33	120	26.5	8.5	17	300	1	22.5	0.8
MCR-P0.39uF300vac120R2WL	0.39	120	26.5	8.5	17	300	1	22.5	0.8
MCR-P0.47uF300vac120R2WL	0.47	120	26.5	10	19	300	1	22.5	0.8

Part Numbering System :

MCR-P 0.1uF300vac120R2W L

Tinned wire= L; stranded insulated copper wire= M; Insulated tinned copper wire= C (typical insulated cables length= 150mm)

Warning:

Non standard products, please confirm with PULOM Engineer