

FEATURES

- Designed for TV horizontal deflection circuitry improving performance under large volume HF current.
- Solvent resistant.

PART NUMBERING

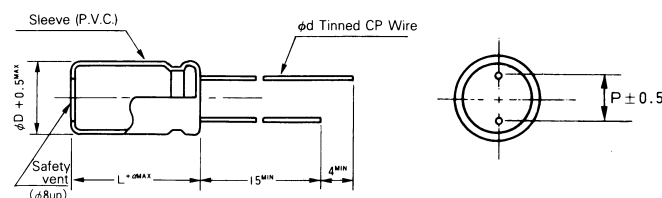
Part Number Example: RNH-050/100M18X40F							
RNH	-	050	/	100	M	18X40	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant

* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).

SPECIFICATIONS

Performance Characteristics		
Operating Temperature Range	-40°C ~ +85°C.	
Voltage Range	35 & 50VDC.	
Capacitance Range	1.0μF ~ 47μF.	
Capacitance Tolerance (20°C, 120Hz)	±10%.	
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)	23, 35, & 50
	DF %	5
Maximum Leakage Current (after 5 minutes)	100μA, or less.	
Applicable Standards	Characteristics of JIS C-5141.	
Load Life Test (70°C)	After 1000 hours' application of 12VDC on which the specified allowable ripple current is superimposed capacitors meet the characteristics requirements mentioned below.	
	Capacitance Change	Within ±15% of initial value.
	DF	200% or less of initial specified value.
	Leakage Current	Initial specified value or less.
Shelf Life (85°C)	After leaving capacitors under no load for 500 hours and applying voltage according to JIS C-5102 4-3 they meet the specified value for load life characteristics listed above.	

DIMENSIONS



DIMENSIONS (UNIT: mm)

D	10	13	16	18	22
P	5.0	5.0	7.5	7.5	10.0
dφ	0.6		0.8		

CASE SIZE OF STANDARD PRODUCTS (DØXL (mm))

Cap. (µF)	WVDC		
	25	35	50
1.0	10 x 20	10 x 20	10 x 20
2.2	13 x 25	13 x 25	13 x 25
3.3	16 x 25	16 x 25	16 x 25
4.7	16 x 31.5	16 x 31.5	16 x 31.5
6.8	16 x 35.5	16 x 35.5	16 x 35.5
8.2	18 x 35.5	18 x 35.5	18 x 35.5
10	18 x 40	18 x 40	18 x 40
12	18 x 40	18 x 40	18 x 40
15	18 x 40	18 x 40	18 x 40
18	22 x 40	22 x 40	22 x 40
22	22 x 40	22 x 40	22 x 40
27	22 x 40	22 x 40	22 x 40
33	22 x 40	22 x 40	22 x 40
39	22 x 40	22 x 40	22 x 40
47	22 x 40	22 x 40	22 x 40

For capacitance values or sizes not listed above, consult Factory or Area Representative.

MAXIMUM RIPPLE ((mA) 85°C, 15.75KHz)

Cap. (µF)	WVDC		
	25	35	50
1.0	3.0	3.0	3.0
2.2	4.0	4.0	4.0
3.3	5.0	5.0	5.0
4.7	6.0	6.0	6.0
6.8	6.6	6.6	6.6
8.2	7.0	7.0	7.0
10	7.7	7.7	7.7
12	8.0	8.0	8.0
15	8.6	8.6	8.6
18	9.0	9.0	9.0
22	12.0	12.0	12.0
27	12.0	12.0	12.0
33	12.0	12.0	12.0
39	12.0	12.0	12.0
47	12.0	12.0	12.0

For capacitance values or sizes not listed above, consult Factory or Area Representative.