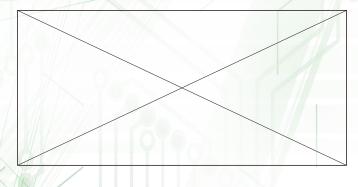
#### NM Series

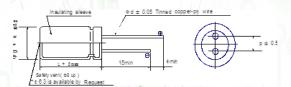
- Non-polarized series with 7mm height
- Designed for use in circuits with reversing polarity
- Load life of 1000 hours at 105
- Solvent-proof
- Rohs compliance.



SPECIFICATIONS			XX	Me									
Item			M	H		Cha	racteris	stics					
Operating Temperature Range				JHA		- 40	~ +105	SC					
Voltage Range						6.3	~63 V.I	ОС	<u> 141</u>				
Nominal Cap. Range			A			0.1	~220	JF 🔾					
Capacitance Tolerance		- 20% ~ + 20% (at 20°C, 120Hz)											
Leakage Current	I = 0.03CV or 3(μA) whichever is greater.(after 5 min.) where,I: Max Leakage Current(μA), C: Nominal Capacitance(μF), V: Rated Voltage(V) (at 20°C)												
Dissipation Factor (tanδ) ( at 120Hz, +20°C)	WV 6.3 10 tanδ 0.24 0.20	16 0.16	25 0.14	35 0.12	50 0.10	63	100						
Low Temp. Impedance Stability at 120Hz	W. V. Z(-25°C)/Z(+20°C) Z(-40°C)/Z(+20°C)	6.3	10 3 6	16 2 4	25 2 4	35 2 4	50 2 4	63 2 3	100				
High Temp. Load Test		meet tl 2 ≦± ≦2	he follo £20% o 00% of	owing I of the in the ini	imits: iitial me tial spe	easure ecified	d value		OC voltaç	ge is revers	sed for eac	h 500 hours,	
High Temp. Non-Load Test	DC leakage current ≤ the initial specified value  After storage for 500 hours at 105°C with no voltage applied, voltage treatment of JIS-C-5102 article 4-4 is to be given and then measurement shall be made, at which time requirements specified in the table "High temperate loading" can be met.												

Note: Some cleaning solvents may adversely affect the capacitors. Consult us about the suitable type of cleaning solvents to be used.

#### DRAWING



Unit :m	ım					
ΦD	4	5	6.3	8		
Р	1.5	2.0	2.5	3.5		
Φd	0.45	0.45	0.45	0.45		
β		1.	.0			

### ◆ PART NUMBERING SYSTEM

NM					
Series	Rated Cap.	Cap. Tolerance	Rated Voltage	Case Size D	Case Size L



# **NM** Series

## ■ STANDARD RATINGS

WV(Vdc) 6.3		10 16			16	25			35		50		63		100	
Cap (µF)	ФDxL (mm)	Ripple current (mArms)	ΦDxL (mm)	Ripple current (mArms												
0.1						M	X	70 1			4 X 7	1	4 X 7	2.4	4 X 7	3
0.22						XX	XX	T. P. //			4 X 7	2	4 X 7	3.2	4 X 7	4.1
0.33							M				4 X 7	3.5	4 X 7	4	4 X 7	4.9
0.47	$\forall 1$			783			1	X			4 X 7	5	4 X 7	6	4 X 7	6.5
0.68		///					MA				4 X 7	7	4 X 7	9	4 X 7	10
1						AX					4 X 7	10	4 X 7	16	4 X 7	18
2.2			46	100			MI				4 X 7	15	4 X 7	20		
3.3				X d d					4 X 7	16	4 X 7	18	5 X 7	26		
4.7				484					4 X 7	18	5 X 7	22	6.3 X 7	32		
6.8					MA		4 X 7	18	5 X 7	22	5 X 7	28	6.3 X 7	42		
10	4 X 7	16	4 X 7	18	4 X 7	20	5 X 7	28	5 X 7	32	6.3 X 7	36	8 X 7			
22	4 X 7	20	4 X 7	32	5 X 7	36	6.3 X 7	44	6.3 X 7	48	8 X 7	53				
33	4 X 7	26	5 X 7	36	5 X 7	42	6.3 X 7	52	8 X 7	67						
47	5 X 7	45	5 X 7	60	6.3 X 7	78	8 X 7	85								
68	6.3 X 7	45	6.3 X 7	78	8 X 7	82	8 X 7	95								
100	6.3 X 7	76	8 X 7	102	8 X 7	105										
220	8 X 7	115														
				7												
	MARIN				1 1/1											

Rated Ripple Current (mArms) at 86 120Hz

Case Size: ФDxL (mm)