

**YXM SERIES**
**Load Life : 105°C 10000 hours, Miniaturized**

•Temperature Range : -40°C~+105°C


**◆SPECIFICATIONS**

Items	Characteristics																								
Category Temperature Range	-40~+105°C																								
Rated Voltage Range	10~100Vdc																								
Capacitance Tolerance	±20% (20°C, 120Hz)																								
Leakage Current(MAX)	I=0.01CV or 3µA whichever is greater.(After 2 minutes) I=Leakage Current(µA)      C=Capacitance(µF)      V=Rated Voltage(Vdc)																								
Dissipation Factor(MAX) (tanδ)	<table border="1"> <thead> <tr> <th>Rated Voltage (Vdc)</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>(20°C, 120Hz)</td> <td>0.45</td> <td>0.35</td> <td>0.30</td> <td>0.22</td> <td>0.19</td> <td>0.17</td> <td>0.15</td> </tr> </tbody> </table>	Rated Voltage (Vdc)	10	16	25	35	50	63	100	(20°C, 120Hz)	0.45	0.35	0.30	0.22	0.19	0.17	0.15								
Rated Voltage (Vdc)	10	16	25	35	50	63	100																		
(20°C, 120Hz)	0.45	0.35	0.30	0.22	0.19	0.17	0.15																		
Endurance	After applying rated voltage with rated ripple current for 10000 hours at 105°C, the capacitors shall meet the following requirements. <table border="1"> <tbody> <tr> <td>Capacitance Change</td> <td>Within ±25% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 300% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </tbody> </table>	Capacitance Change	Within ±25% of the initial value.	Dissipation Factor	Not more than 300% of the specified value.	Leakage Current	Not more than the specified value.																		
Capacitance Change	Within ±25% of the initial value.																								
Dissipation Factor	Not more than 300% of the specified value.																								
Leakage Current	Not more than the specified value.																								
Low Temperature Stability Impedance Ratio(MAX)	<table border="1"> <thead> <tr> <th>Rated Voltage (Vdc)</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>(120Hz)</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Rated Voltage (Vdc)	10	16	25	35	50	63	100	(120Hz)	8	6	4	4	3	3	3	Z(-25°C)/Z(20°C)							
Rated Voltage (Vdc)	10	16	25	35	50	63	100																		
(120Hz)	8	6	4	4	3	3	3																		
Z(-25°C)/Z(20°C)																									

**◆MULTIPLIER FOR RIPPLE CURRENT**

Frequency (Hz)		120	1k	10k	100k≤
Coefficient	1~10µF	0.42	0.60	0.80	1.00
	22~33µF	0.55	0.75	0.90	1.00
	47~330µF	0.70	0.85	0.95	1.00

**◆OPTION**

	Code
PET Sleeve (-40~+105°C)	EFR *

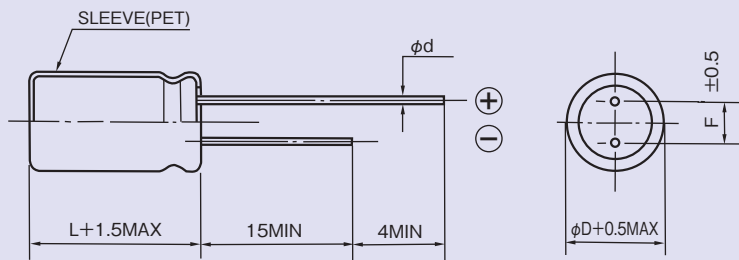
※PET Sleeve -25°C~+105°C(EFC) is also available, please consult our sales offices.

**◆PART NUMBER**

□□□	YXM	□□□□□	M	□□□	□□	DXL
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

◆ **DIMENSIONS**

(mm)



$\phi D$	5	6.3	8
$\phi d$	0.5		0.6
F	2.0	2.5	3.5

◆ **STANDARD SIZE**

Rated Voltage (Vdc)	Capacitance ( $\mu F$ )	Size $\phi D \times L$ (mm)	Rated Ripple Current (mA r.m.s. 105°C, 100kHz)
10	100	5×11	130
	220	6.3×11	210
	330	8×11.5	330
16	47	5×11	130
	100	6.3×11	210
	220	8×11.5	330
25	33	5×11	130
	47	5×11	130
	100	6.3×11	210
35	33	5×11	130
	47	6.3×11	210
	100	8×11.5	330

Rated Voltage (Vdc)	Capacitance ( $\mu F$ )	Size $\phi D \times L$ (mm)	Rated Ripple Current (mA r.m.s. 105°C, 100kHz)
50	1	5×11	25
	2.2	5×11	35
	3.3	5×11	70
	4.7	5×11	80
	10	5×11	90
	22	5×11	135
	22	6.3×11	230
	33	6.3×11	190
	47	6.3×11	190
	100	8×11.5	270
63	10	5×11	80
	22	6.3×11	170
	33	6.3×11	170
	47	8×11.5	240
100	1	5×11	40
	2.2	5×11	50
	3.3	5×11	60
	4.7	5×11	70
	10	6.3×11	150
	22	8×11.5	230

※

※Endurance:13000hours at 105°C

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) category:*

*Click to view products by [Rubycon](#) manufacturer:*

Other Similar products are found below :

[NRELS102M35V16X16C.140LLF](#) [ESRG160ETC100MD07D](#) [227RZS050M](#) [335CKR250M](#) [476CKH100MSA](#) [477CKR100M](#)  
[107CKR010M](#) [107CKH063MSA](#) [RJH-25V222MI9#](#) [RJH-35V221MG5#](#) [B43827A1106M8](#) [RJH-50V221MH6#](#) [EKYA500ELL470MF11D](#)  
[B41022A5686M6](#) [ESRG250ELL101MH09D](#) [EKMA160EC3101MF07D](#) [RJB-10V471MG3#](#) [ESMG160ETD221MF11D](#)  
[EKZH160ETD152MJ20S](#) [RJH-35V122MJ6#](#) [EGXF630ELL621ML20S](#) [RBD-25V100KE3#N](#) [EKMA350ELL100ME07D](#)  
[ESMG160ETD101ME11D](#) [ELXY100ETD102MJ20S](#) [EGXF500ELL561ML15S](#) [EKMG350ETD471MJ16S](#) [35YXA330MEFC10X12.5](#)  
[RXW471M1ESA-0815](#) [ELXZ630ELL221MJ25S](#) [ERR1HM1R0D11OT](#) [LPE681M30060FVA](#) [LPL471M22030FVA](#) [HFE221M25030FVA](#)  
[LKMD1401H221MF](#) [B41888G6108M000](#) [EKMA160ETD470MF07D](#) [UHW1J102MHD6](#) [EKMG500ETD221MJC5S](#) [LKMK2502W101MF](#)  
[LKMD1401H181MF](#) [LKMI2502G820MF](#) [LKMJ2001J122MF](#) [LKML2501C472MF](#) [LKMJ4002C681MF](#) [450MXH330MEFCSN25X45](#)  
[450MXK330MA2RFC22X50](#) [63ZLH560MEFCG412.5X30](#) [ELH2DM331O25KT](#) [ELH2DM471P30KT](#)