

PX SERIES

105°C Standard

*Load Life : 105°C 1000~2000 hours.



◆SPECIFICATIONS

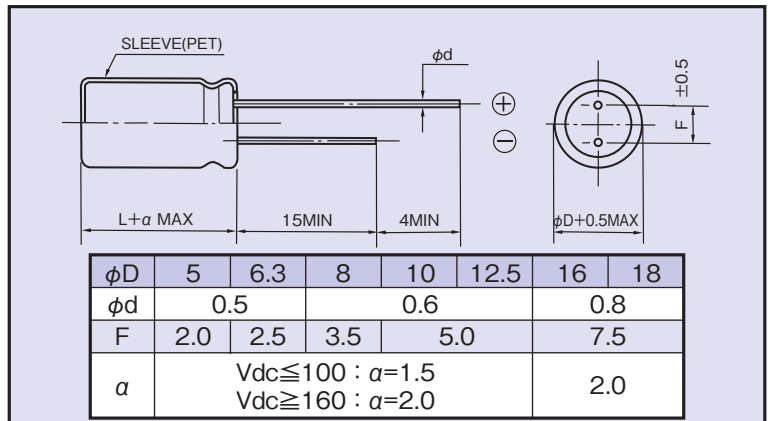
| Items | Characteristics | | | | | | | | | | | | | | | |
|--|---|-------------------|----------------------|----|----|------------------------------------|--|-----|-----|-----|-----|-------|---------------|------|-----------------|--|
| | -55~+105°C | -40~+105°C | -25~+105°C | | | | | | | | | | | | | |
| Category Temperature Range | -55~+105°C | -40~+105°C | -25~+105°C | | | | | | | | | | | | | |
| Rated Voltage Range | 6.3~100Vdc | 160~400Vdc | 450Vdc | | | | | | | | | | | | | |
| Capacitance Tolerance | ±20%(20°C, 120Hz) | | | | | | | | | | | | | | | |
| Leakage Current(MAX) | 6.3~100Vdc | | 160~450Vdc | | | | | | | | | | | | | |
| | I=0.01CV or 3µA whichever is greater. (After 2 minutes application of rated voltage) | | CV≤1000 | | | | | | | | | | | | | |
| | | | CV>1000 | | | | | | | | | | | | | |
| I=Leakage Current(µA) | | C=Capacitance(µF) | V=Rated Voltage(Vdc) | | | | | | | | | | | | | |
| Dissipation Factor(MAX) (tanδ) | Rated Voltage (Vdc) | | | | | | | | | | | | (20°C, 120Hz) | | | |
| | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | 160 | 200 | 250 | 350 | | 400 | 450 | |
| When capacitance is over 1000µF, tanδ shall be added 0.02 to the listed value with increase of every 1000µF. | | | | | | | | | | | | | | | | |
| Endurance | After applying rated voltage with rated ripple current for specified time at 105°C, the capacitors shall meet the following requirements. | | | | | | | | | | | | | | | |
| | Capacitance Change | | | | | | Within ±25% of the initial value. | | | | | | Case Size | | Life Time (hrs) | |
| | Dissipation Factor | | | | | | Not more than 200% of the specified value. | | | | | | φD≤8 | | 1000 | |
| Leakage Current | | | | | | Not more than the specified value. | | | | | | φD≥10 | | 2000 | | |
| Low Temperature Stability Impedance Ratio(MAX) | Rated Voltage (Vdc) | | | | | | | | | | | | (120Hz) | | | |
| | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | 160 | 200 | 250 | 350 | | 400 | 450 | |
| | Z(-25°C)/Z(20°C) | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 6 | | 6 | 7 | |
| Z(-40°C)/Z(20°C) | | | | | | | | | | | | | | | | |
| 10 8 6 4 3 3 3 3 4 4 8 8 10 - | | | | | | | | | | | | | | | | |

◆MULTIPLIER FOR RIPPLE CURRENT

| Frequency (Hz) | 60(50) | 120 | 500 | 1k | 10k≤ |
|----------------|--------|------|------|------|------|
| 0.47~1µF | 0.50 | 1.00 | 1.20 | 1.30 | 1.50 |
| 2.2~4.7µF | 0.65 | 1.00 | 1.20 | 1.30 | 1.50 |
| 10~47µF | 0.80 | 1.00 | 1.20 | 1.30 | 1.50 |
| 100~1000µF | 0.80 | 1.00 | 1.10 | 1.15 | 1.20 |
| 2200~33000µF | 0.80 | 1.00 | 1.05 | 1.10 | 1.15 |

◆DIMENSIONS

(mm)



◆OPTION

| | Code |
|------------|------|
| PET Sleeve | EFC |

◆PART NUMBER

PX M D×L
 Rated Voltage Series Capacitance Capacitance Tolerance Option Lead Forming Case Size

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 :

[LXY50VB4.7M-5X11](#) [RFO-100V471MJ7P#](#) [ECE-A1EGE220](#) [B41041A2687M8](#) [B41041A7226M8](#) [B41044A7157M6](#)
[EKXG201EC3101ML20S](#) [EKZM160ETD471MHB5D](#) [NCD681K10KVY5PF](#) [NEV1000M25EF-BULK](#) [NEV100M35DC](#) [NEV100M63DE](#)
[NEV220M25DD-BULK](#) [NEV.33M100AA](#) [NEV4700M50HB](#) [NEV.47M100AA](#) [NEVH1.0M250AB](#) [NEVH3.3M250BB](#) [NEVH3.3M450CC](#)
[KM4700/16](#) [KME50VB100M-8X11.5](#) [SG220M1CSA-0407](#) [ES5107M016AE1DA](#) [ESMG160ETD102MJ16S](#) [ESX472M16B](#)
[SZ010M1500A5S-1015](#) [227RZS050M](#) [476CKH100MSA](#) [UVX1V101KPA1FA](#) [UVX1V222MHA1CA](#) [KME25VB100M-6.3X11](#)
[VTL100S10](#) [VTL470S10](#) [VTL470S16A](#) [511D336M250EK5D](#) [052687X](#) [ECE-A1CF471](#) [EKMA500ELL4R7ME07D](#) [NRE-](#)
[S560M16V6.3X7TBSTF](#) [RGA221M1CTA-0611G](#) [ERZA630VHN182UP54N](#) [UPL1A331MPH](#) [MAL214658821E3](#) [NEV1000M6.3DE](#)
[NEV100M16CB](#) [NEV100M50DD-BULK](#) [NEV2200M16FF](#) [NEV220M50EE](#) [NEV2.2M50AA](#) [NEV330M63EF](#)