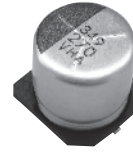


XA Series Upgrade!

reliability and high voltage are realized by hybrid electrolyte
 ance with ripple current : 4,000 hours at 125°C
 high temperature and high reliability applications.
 (Automotive equipment, Base station equipment, etc.)
 2 Compliant
 gen Free
 Q200 compliant : Please contact Chemi-Con for more details, test data, information.

HXA

Higher temperature
 HXB



SPECIFICATIONS

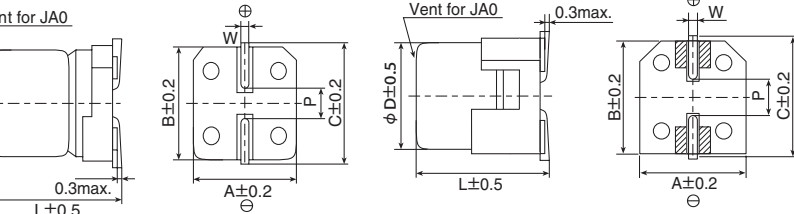
| Items | Characteristics |
|---|---|
| Operating Temperature Range | -55 to +125°C |
| Voltage Range | 80V _{dc} |
| Capacitance Tolerance | ±20% (M) (at 20°C, 120Hz) |
| Leakage Current | I=0.01CV or 3 μA, whichever is greater Where, I : Max. leakage current (μA), C : Nominal capacitance(μF), V : Rated voltage(V) (at 20°C after 2 minutes) |
| Dielectric Absorption Factor | Rated voltage(V _{dc}) 80V tan δ (Max.) 0.08 (at 20°C, 120Hz) |
| Temperature Characteristics (Impedance Ratio) | Z(-25°C)/Z(+20°C) ≤ 1.5 Z(-55°C)/Z(+20°C) ≤ 2.0 (at 100kHz) |
| Reliability | The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 4,000 hours at 125°C. Capacitance change ≤ ±30% of the initial value D.F. (tan δ) ≤ 200% of the initial specified value ESR ≤ 200% of the initial specified value Leakage current ≤ The initial specified value |
| Life | The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 125°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to item 4.1 of JIS C 5101-4. Capacitance change ≤ ±30% of the initial value D.F. (tan δ) ≤ 200% of the initial specified value ESR ≤ 200% of the initial specified value Leakage current ≤ The initial specified value |

DIMENSIONS [mm]

Terminal Code : A

Size code : HA0 and JA0

Vent for JA0



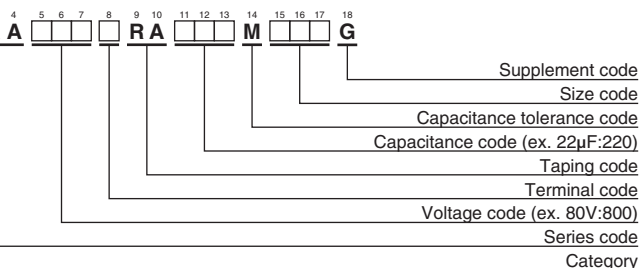
| Size Code | φD | L | A | B | C | W | P |
|-----------|----|------|------|------|------|------------|-----|
| HA0 | 8 | 10.0 | 8.3 | 8.3 | 9.0 | 0.7 to 1.1 | 3.1 |
| JA0 | 10 | 10.0 | 10.3 | 10.3 | 11.0 | 0.7 to 1.1 | 4.5 |

▨ : Dummy terminals

● Terminal Code : G(Vibration resistant structure)

● Size code : HA0 and JA0

PRODUCT NUMBERING SYSTEM



MARKING

EX) 80V22μF



● Rated voltage symbol

| Rated voltage (V _{dc}) | Symbol |
|----------------------------------|--------|
| 80 | K |

Please refer to "Product code guide (conductive polymer hybrid type)"



STANDARD RATINGS

| VW (Vdc) | Cap (µF) | Size code | ESR (mΩ max./20°C, 100kHz) | Rated ripple current (mA rms/125°C, 100kHz) | Part No. |
|-------------|-------------|-----------|-------------------------------|--|--------------------|
| 80 | 22 | HA0 | 45 | 1,100 | HHXA800□RA220MHA0G |
| | 39 | JA0 | 35 | 1,200 | HHXA800□RA390MJA0G |
| | 47 | JA0 | 33 | 1,700 | HHXA800□RA470MJA0G |

Enter the appropriate terminal code.

REDUCED RIPPLE CURRENT MULTIPLIERS

Frequency Multipliers

| Frequency (Hz) | 120 | 1k | 5k | 10k | 20k | 30k | 100k to 500k |
|----------------|------|------|------|------|------|------|--------------|
| 22 | 0.07 | 0.30 | 0.50 | 0.60 | 0.70 | 0.75 | 1.00 |
| to 47 | 0.10 | 0.40 | 0.60 | 0.70 | 0.80 | 0.80 | 1.00 |

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[RJ4-400V100MI5#-T4](#) [UCX1V681MNQ1MS](#) [RYK-50V101MG5TT-FL](#) [UCX1V681MNS1MS](#) [UCX1V221MCS1GS](#) [UCX1V101MCS1GS](#)
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[EDT476M050S9MAA](#) [EEV-HA0J152P](#) [EEV-HA1A471UP](#) [EEV-HA1C220WR](#) [EEV-HA1C471P](#) [EEV-HA1E331UP](#) [EEV-HA1H3R3R](#)
[EEV-HA1H470UP](#) [EEV-HA1HR47R](#) [EEV-HA1V470UP](#) [EEV-HB0G221P](#) [EEV-HB0J330R](#) [EEV-HB1E220P](#) [UCX1H821MNQ1MS](#)
[UCX1H561MNS1MS](#) [UCX1H471MNS1MS](#) [UCX1H102MNQ1MS](#) [UCX1E332MNS1MS](#) [HZA277M035G24T-F](#) [TYEH1V337H10MTR](#)
[EDT107M035S9MAA](#) [BMVK100ADA330MF60G](#) [BMVK160ADA4R7MD60G](#) [NACK222M10V12.5X14TR13F](#) [NRLF332M25V22X20F](#)
[NRSZ102M16V10X22TBF](#) [EEV-HA1H330UP](#) [MAL215097513E3](#) [UCZ1V681MNQ1MS](#) [EEE-FT1C122UP](#) [EEE-FT1C821UP](#)