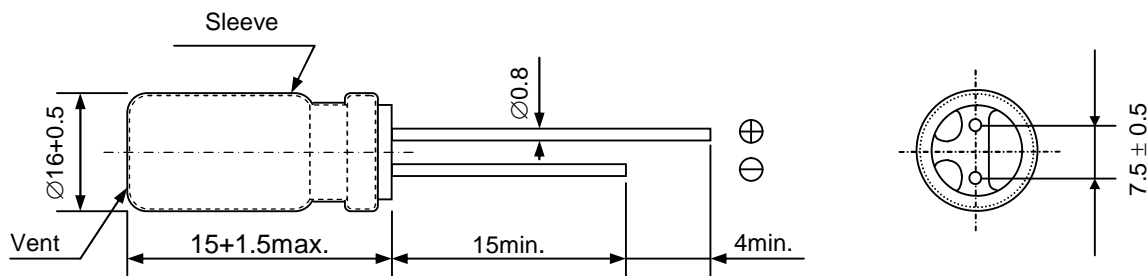


CUSTOMER:

DATA SHEET

ITEM: LXV35VB560M16X15LL (NCC D/N: 299-766)

DIMENSIONS (unit: mm)



LIST OF STANDARDS

- (1) Rated DC Working Voltage: 35V
- (2) Nominal Capacitance: 560 μ F at 20°C and 120Hz
- (3) Operating Temperature Range: -55°C to +105°C
- (4) Capacitance Tolerance: -20% to +20% at 20°C and 120Hz
- (5) Leakage Current: less than 196 μ A at 20°C, after 2 minutes
- (6) Dissipation Factor: less than 0.12 at 20°C and 120Hz
- (7) Impedance: less than 0.054 Ω at 20°C and 100kHz
less than 0.14 Ω at -10°C and 100kHz
- (8) Ripple Current: max. 1,260mA rms at 105°C, 100kHz
- (9) Low Temperature Characteristics: $Z(-55^\circ\text{C})/Z(20^\circ\text{C}) = 3$
(Max. impedance ratio at 120Hz to the 20°C value)
- (10) Load Life: After the capacitors are subjected to DC voltage with the rated maximum ripple current applied at 105°C for 3,000 hours, the following specifications shall be satisfied when the capacitors are restored to 20°C. The sum of DC voltage and peak AC voltage must not exceed the full rated voltage of the capacitors.
 - Capacitance change $\leq \pm 30\%$ of the initial value
 - Dissipation change $\leq 300\%$ of the initial specified value
 - Leakage current \leq The initial specified value
- (11) Shelf Life: The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements.
 - Capacitance change $\leq \pm 20\%$ of the initial value
 - Dissipation Factor $\leq 200\%$ of the initial specified value
 - DC Leakage current \leq The initial specified value