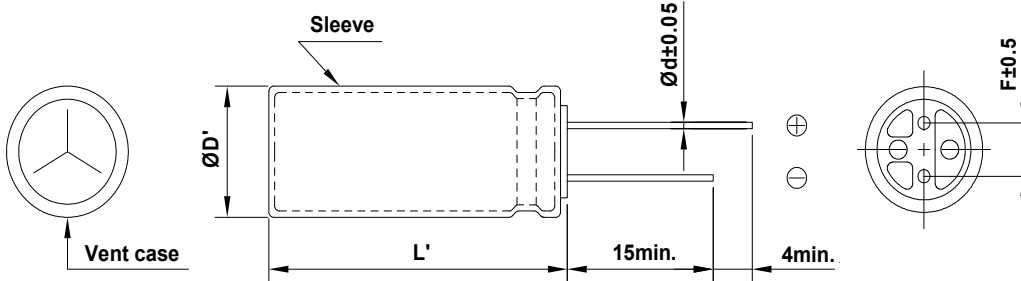


ALUMINUM ELECTROLYTIC CAPACITORS	APPROVAL NO.	
	6887	
	SERIES	NXH
NXH 16 VB 3300 (M)	RATING	16 V 3300 μ F
	CASE SIZE	\varnothing 12.5 x 25 L

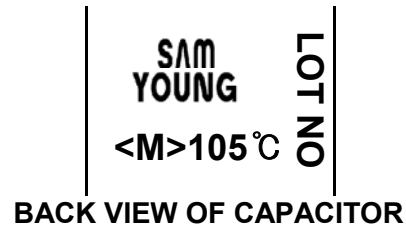
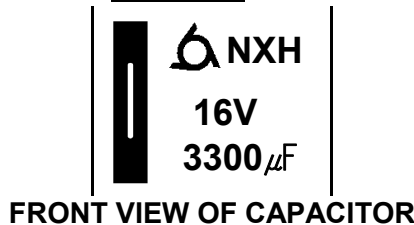
A. DIAGRAM OF DIMENSION

[Unit : mm]



ØD	12.5
L	25
Ød	0.6
F	5.0
ØD'	ØD+0.5 max.
L'	L+2.0 max.

B. MARKING : YELLOW SLEEVE & BLACK INK



C. ELECTRICAL CHARACTERISTICS

- A. OPERATING TEMPERATURE RANGE : -40 ~ +105°C
- B. RATED VOLTAGE : 16 V_{DC}
- C. SURGE VOLTAGE : 20 V_{DC}
- D. CAPACITANCE TOLERANCE : ± 20% at 20°C, 120Hz
- E. LEAKAGE CURRENT : Lower 528 µA, after 2 minutes at 20°C
- F. DISSIPATION FACTOR (TANδ) : Lower 0.20 at 20°C, 120Hz
- G. MAX. RIPPLE CURRENT : 2900 mArms at 105°C, 100 kHz
- H. TEMPERATURE CHARACTERISTIC :
 (Max. Impedance ratio) $Z(-25°C) / Z(20°C) = \underline{2}$
 $Z(-40°C) / Z(20°C) = \underline{3}$ (at 120Hz)
- I. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 10,000 hours at 105°C.
 - # Capacitance change \leq ±25% of the initial value
 - # Tanδ \leq 200% of the initial specified value
 - # Leakage Current \leq The initial specified value
- J. 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 ±25% of the initial value
 - # Tanδ \leq 200% of the initial specified value
 - # Leakage Current \leq The initial specified value
- K. CLEANING CONDITIONS : Non-solvent proof
- L. OTHERS : Satisfied characteristics KS C IEC 60384-4

※ IMP.(20°C, 100kHz) : **0.015 Ω** ↓

