

ALUMINUM ELECTROLYTIC CAPACITORS

HITACHI CAPACITORS Date Code Explanation

GXH Series



- Life rating to 5,000 hours at 85 C
- Temperature range -40°C to 105°C

ALUMINUM CAPACITORS

Example: Manufacturing Date FEBRUARY 2011

4 Digit Date Code = XX B1

3rd Digit

JAN = A
 FEB = B
 MAR = C
 APR = D
 MAY = G
 JUN = H
 JUL = J
 AUG = K
 SEP = L
 OCT = M
 NOV = N
 DEC = Z

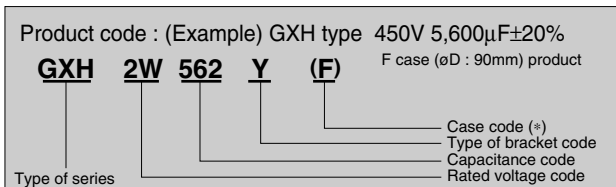
Hitachi Internal Serial Number

Features

- The permissible ripple current, especially, in the high-temperature zone is improved through increase of heat resistance based on the improvement of etched form technology for high voltage and improvement of cathode foil, electrolyte paper, and electrolyte liquid.

Product Specifications

Items	Specifications
Temperature range	-40°C ~ +105°C
Capacitance tolerance	±20% (20°C, 120Hz)
Rated voltage	400, 450V.DC
Leakage current	0.01CV (µA) or 5mA, whichever is smaller or less [C = nominal capacitance (µF), V = rated voltage (V)]
Dissipation factor	Less than the value specified in the standard products table. (20°C, 120Hz)
Permissible ripple current	As specified in the standard products table. (105°C, 120Hz)
High-temperature load	After the rated voltage with specified ripple current is applied at 105°C for 5000 hours: Capacitance tolerance: ±15% or less of the initial value Dissipation factor: 175% or less of the specified initial value Leakage current: Specified initial value or less
Others	JIS C 5101-4.



*() Case code in parentheses : If two types of shape exist for the same rating, enter the first English letter of case code.