

GH 型特性 LN FEATURES

- 高壓，大容量，焊片結構產品，能承受大紋波電流
- * High reliability Lug terminal High ripple current High ripple current
- 適用於UPS不間斷電源，空調逆變器等電子設備中
- * Suited for smoothing circuits for general purpose inverter and control circuits for F.A. Machines Designed for use as input filter capacitor for current



特性表 SPECIFICATIONS

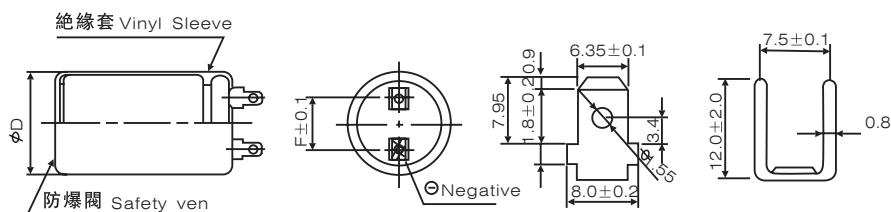
項目Item	主要特性Performance Characteristics		
額定工作電壓範圍 Rated Working Voltage Range	250V.DC ~ 450V.DC		
使用溫度範圍 Operating Temperature Range	-25°C ~ +85°C		
標稱靜電容量範圍 Nominal Capacitance Range	220 μF ~ 2200 μF		
靜電容量允許偏差 Capacitance Tolerance	± 20%(M, +20°C, 120Hz)		
漏電流 Leakage Current	施加額定電壓5分鐘: $I \leq 3\sqrt{CV}$ (μA) 20°C After application of rated voltage for 5 minutes: $I \leq 3\sqrt{CV}$ (μA) at +20°C C: 標稱靜電容量 (μF) C: Nominal Capacitance in μF; V: 額定工作電壓 (V) V: Rated Working Voltage in V		
損耗角正切值(tan δ) Dissipation Factor	額定工作電壓(V) Rated Working Voltage	250	350-450
	tan δ (MAX) (20°C, 120Hz)	0.20	0.25
高溫負荷特性 Load Life	在+85°C環境中施加工作電壓和最大允許紋波電流2000小時後，電容器的性能符合下表要求： After applying rated voltage for 1000 hours at +85°C, Capacitors meet the characteristics requirements measured at +20°C listed below;		
	漏電流: Leakage current:	不大于初期規定值 Less than the initial specified value	
	損耗角正切值: Tan δ	不大于初期規定值的200% Less than 200% the initial specified value	
高溫貯存特性 Shelf Life	靜電容量變化率: Capacitance Change:	初始值的 ± 20%以內 Within ± 20% of the initial measured value	
	在+85°C環境中無負荷放置1000小時後，電容器的性能符合高溫負荷特性中所列的規定值 After leaving capacitors under no load at +85°C for 1000 hours, capacitors meet the characteristics listed above		

• 紋波倍乘因子MULTIPLIER FOR RIPPLE CURRENT

頻率因子Frequency coefficient

Frequency(Hz)	50(60)	100(120)	400	1k	10k
Coefficient	0.8	1.0	1.1	1.13	1.18

• 外形圖及尺寸表 CASE SIZE TABLE



φD±1.0	35	50	65
L±3.0	50 60 80 100	80 100 120	100
F±1.0	10.0	20.0	25

鋁電解電容器

ALUMINUM ELECTROLYTIC CAPACITOR(CD137 GH)

■ GH 尺寸、額定電壓及標稱容量

DIMENSIONS, RATED VOLTAGE AND CAPACITANCE

WV(V) Cap(μF)	250(MD)		350(MF)		400(VA)		450(VB)	
	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)
220(221)	35x60	1.2	35x50	1.0	35x50	1.1	35x50	1.1
270(271)	35x60	2.2	35x50	1.2	35x50	1.2	35x60	1.2
330(331)	35x60	3.2	35x50	1.3	35x50	1.4	35x80	1.5
390(391)	35x60	4.0	35x50	1.5	35x60	1.5	35x80	1.7
470(471)	35x80	5.6	35x60	1.6	35x80	1.8	35x100	2.0
560(561)			35x80	2.0	35x80	2.2	35x100	2.2
680(681)			35x80	2.2	35x100	2.4	50x80	2.6
820(821)			35x100	2.7	35x100	2.9	50x80	2.8
1000(102)			35x100	3.2	35x100	4.2	50x80	4.5
1200(122)			35x100	4.8	50x80	5.2	50x80	5.6
1500(152)			50x80	5.5	50x100	6.0	50x100	6.3
1800(182)			50x80	6.2	50x100	6.9	50x120	7.5
2200(222)			50x100	7.3	50x120	7.9	65x100	8.7

(1) 外形尺寸 Case Size DXL(mm)

(2) 最大允許紋波電流 Max allowable ripple current (A r.m.s./85°C.120Hz)