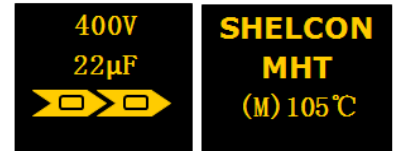


MHT SERIES

MHT系列

- Wide operating temperature range of - 25 ~ + 105°C 工作温度范围: - 25 ~ + 105°C
- Standard series for general-purpose 通用型号的标准品
- Voltage range of 400V 工作电压: 400V
- Load life of 4000 hours at 105°C 使用寿命: 105°C 4000小时

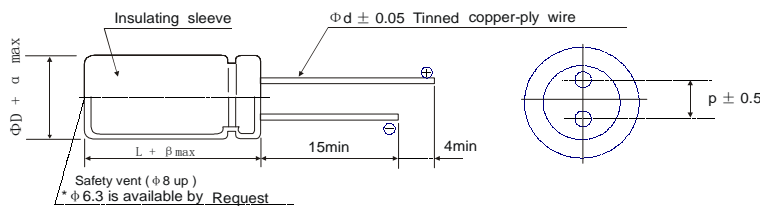


■ SPECIFICATIONS

技术参数

Item (项目)	Characteristics (特征)	
Operating Temperature Range (使用温度范围)	- 25 ~ + 105°C	
Voltage Range (额定电压)	400 V.DC	
Nominal Cap. Range (容量范围)	1 ~ 100 µF	
Capacitance Tolerance (温度频率范围)	- 20% ~ + 20% (at 20°C, 120Hz)	
Leakage Current (漏电流)	WV	400 V
	L.C.	I = 0.02CV + 15(µA) whichever is greater (after 5min) 施加额定电压5分钟测试
where, I: Max Leakage Current(µA), C: Nominal Capacitance(µF), V: Rated Voltage(V) (at 20°C) 注解: I: 漏电流µA C: 容量(µF), V: 额定电压(V) (在 20°C)		
Dissipation Factor (tanδ) (at 120Hz, +20°C) 损失角正切值	W.V.	400
	tanδ	0.20
Low Temp. Impedance Stability at 120Hz (温度特性)	W. V.	400
	Z-25°C/Z+20°C	8
	Z-40°C/Z+20°C	-
High Temp. Load Test (高温负荷特性)	After 4000 hours, application of DC rated working voltage at + 105°C, the capacitor shall meet the following limits. 105°C 施加额定电压4000小时后满足下列条件 Capacitance change ... ≤ ±30% of the initial measured value 容量在 ±20% 范围内 Tan δ ... ≤ 250% of the initial specified value 损失角在初始规定值200% DC leakage current ... ≤ the initial specified value 漏电流小于或等于规格值	
High Temp. Non-Load Test (高温无负荷特性)	After storage for 1000 hours at 105°C with no voltage applied, voltage treatment of JIS-C-5102 article 4-4 is to be given and then measurement shall be made, at which time requirements specified in the table "High Temperature Loading" can be met. 在105°C的条件下不加电压放置1000个小时, 按照JIS-C-5102中4-4的标准进行处理, 特性满足高温负荷特性	

● DIMENSIONS(mm) 尺寸



Unit:(mm)	单位mm						
ΦD	5	6.3	8	10	13	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5		0.6		0.8		
β	1.0		1.5				
α	0.5						

▼ MULTIPLIER FOR RIPPLE CURRENT 纹波电流修正系数

(1) Frequency coefficient 频率系数

Cap(µF)	Freq.(HZ)				
	60(50)	120	300	1K	10K
0.1~47	0.75	1.00	1.35	1.55	2.00
68~680	0.80	1.00	1.25	1.34	1.50
1000~15000	0.85	1.00	1.10	1.13	1.15

(2) Temperature coefficient 温度系数

Ambient Temperature(°C)	40	60	70	85	105
Coefficient	2.4	2.1	1.78	1.65	1

SHELCON**Radial Lead Aluminum Electrolytic Capacitors**

SHELCON

引线型铝电解电容器

MHT SERIES**MHT系列**■ **STANDARD SIZE****标准品一览表**

WV (VDC)	Cap(μ F)/120Hz	Case size	Ripple(mArms 105℃120Hz)
额定电压	静电容量	尺寸DxL	纹波电流
400	1.0	5*9	18
	2.2	6.3*9	30
	3.3	6.3*9	40
	4.7	8*9	75
	6.8	8*12	95
	10	8*12.5	135
	10	10*13	135
	15	10*13	195
	15	8*20	195
	22	10*17	220
	22	13*16	235
	33	10*25	255
	33	13*20	255
	47	13*25	310
	47	16*17	330
	68	16*22	350
100	16*32	550	
100	18*25	550	