

H5 Series

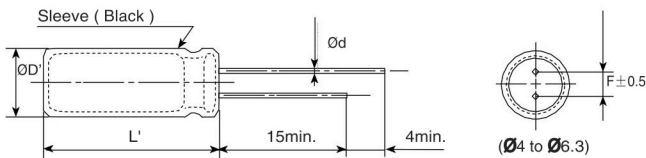
- Low profile with 5mm height.
- Wide temperature range of -40°C+105°C
- Endurance: +105°C 1,000 hours
- RoHS Compliant



◆ SPECIFICATIONS

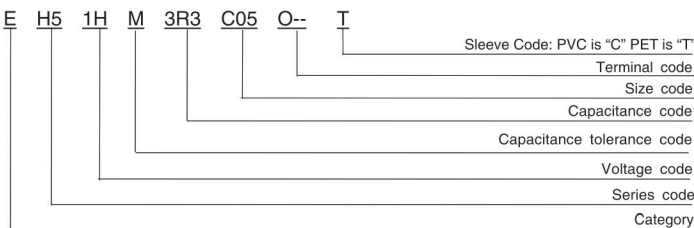
Items	Characteristics							
Category	-40 to +105°C							
Temperature Range	-40 to +105°C							
Rated Voltage Range	6.3 to 50Vdc							
Capacitance Tolerance	±20%(M) (at 20°C, 120Hz)							
Leakage Current	I ≤ 0.01CV or 3μA, whichever is greater. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 2 minutes)							
Dissipation Factor (tanδ)	Rated voltage (V _{dc})	6.3	10	16	25	35	50	(at 20°C, 120Hz)
	tanδ (Max.)	0.28	0.24	0.20	0.14	0.12	0.10	
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V _{dc})	6.3	10	16	25	35	50	(at 120Hz)
	Z(-25°C)/Z(+20°C)	3		2				
	Z(-40°C)/Z(+20°C)	8	5	4	3			
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 1,000hours at 105°C.							
	Capacitance change	≤±20% of the initial value						
	D.F. (tanδ)	≤200% of the initial specified value						
	Leakage current	≤The initial specified value						
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours at 105°C without voltage applied.							
	Capacitance change	≤±20% of the initial value						
	D.F. (tanδ)	≤200% of the initial specified value						
	Leakage current	≤200%The initial specified value						

◆ DIMENSIONS [mm]



ØD	4	5	6.3
Ød	0.45	0.45	0.45
F	1.5	2.0	2.5
ØD'	ØD+0.5max.		
L'	L+1.5max.		

◆ PART NUMBER SYSTEM



※ Sleeve Code and Terminal Code should follow the part number system

◆ RATED RIPPLE CURMULTIPLIERS

Frequency correction factor for ripple current

WV(V _{dc})	Freq.(Hz)			
	50/60	120	1k	10k-100k
6.3 to 16	0.80	1.00	1.30	1.50
25 to 35	0.80	1.00	1.20	1.20
50	0.80	1.00	1.15	1.20

The endurance of capacitors is shorted with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced.

单击下面可查看定价，库存，交付和生命周期等信息

[>>AISHI\(艾华\)](#)