

LDT SERIES

105°C Standard, Lead Wire Type

◆FEATURES

- Ultra Miniaturized.
- Coated with flame-retardant (UL94 V-0) epoxy resin.
- High Capacitance.
- RoHS compliance.



◆SPECIFICATIONS

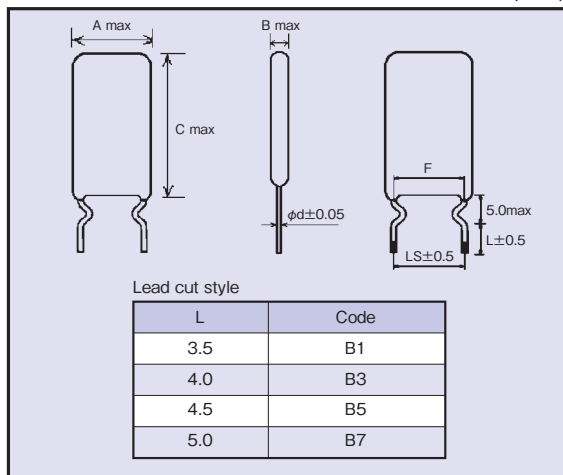
Items	Characteristics
Category Temperature Range	-55~+105°C
Rated Voltage Range	10~35Vdc
Capacitance Range	4.7~47μF(475~476) E6 series
Capacitance Tolerance	±20%(M)
(tanδ) Dissipation Factor	1.5% or less(1kHz±20%, 5Vrms or less)
Voltage Proof	Nothing abnormal shall be found, when applying 150% of the rated voltage for 1 minute.
Insulation Resistance	300MΩ·μF or more (After 1 minute application of rated voltage)

◆PART NUMBER

Rated Voltage	LDT Series	Capacitance	Capacitance Tolerance	Option	Lead Forming
Code		Code	Code		Symbol
10		475	M		TV
16		106			(See below table)
25		226			
35					
Rated Voltage		Capacitance	Tolerance		Lead Style
10Vdc		4.7μF	±20%		Taping Ammo Pack
16Vdc		10μF			
25Vdc		22μF			
35Vdc					

◆DIMENSIONS

(mm)

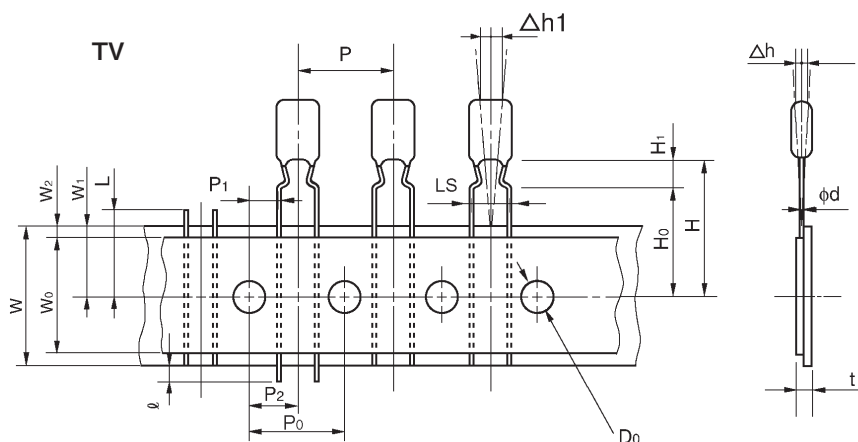


◆STANDARD SIZE

**Lead Forming

Rated Voltage (Vdc)	Capacitance (μF)	Size (mm)						Part No.
		A	B	C	F±1.5	LS±0.5	φd±0.05	
10	47	8.5	5.2	14.6	6.0	5.0	0.6	10LDT476M**
16	33	8.5	5.2	14.6	6.0	5.0	0.6	16LDT336M**
25	15	8.6	5.2	11.1	6.0	5.0	0.6	25LDT156M**
	22	8.5	5.2	14.6	6.0	5.0	0.6	25LDT226M**
35	4.7	8.7	5.2	8.6	6.0	5.0	0.6	35LDT475M**
	6.8	8.6	5.2	11.1	6.0	5.0	0.6	35LDT685M**
	10	8.5	5.2	14.6	6.0	5.0	0.6	35LDT106M**

◆TAPING SPECIFICATIONS



Items	Size (mm)
P	12.7±1
P0	12.7±0.2
P1	3.85±0.5
P2	6.35±0.5
LS	5.0+0.8/-0.2
W	18.0+1.0/-0.5
W0	5.0 min
W1	9.0±0.5
W2	3.0max
φd	0.6±0.05
H	20.0±0.75
H0	16.0±0.5
H1	5.0max
D0	4.0±0.2
L	11.0max
ℓ	0max
Δh	0±0.1
Δh1	0±0.1
t	φd±0.9max

◆SOLDERING CONDITIONS

<Preheating>

Temperature	≤120°C
Time	≤90sec

- Flow soldering cycle is limited to two(2).
The second soldering should be done after the capacitor itself has returned to room temperature.

<Flow soldering>

