

**LDT SERIES**

**105°C Standard, Lead Wire Type**

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



**◆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)
Dissipation Factor (tanδ)	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	Rated Voltage
10	10Vdc
16	16Vdc
25	25Vdc
35	35Vdc

Code	Capacitance
475	4.7μF
106	10μF
226	22μF

Code	Tolerance
M	±20%

Symbol	Lead Style
TV	Taping Ammo Pack
(See below table)	Lead Cut

**◆DIMENSIONS**

(mm)

Lead cut style

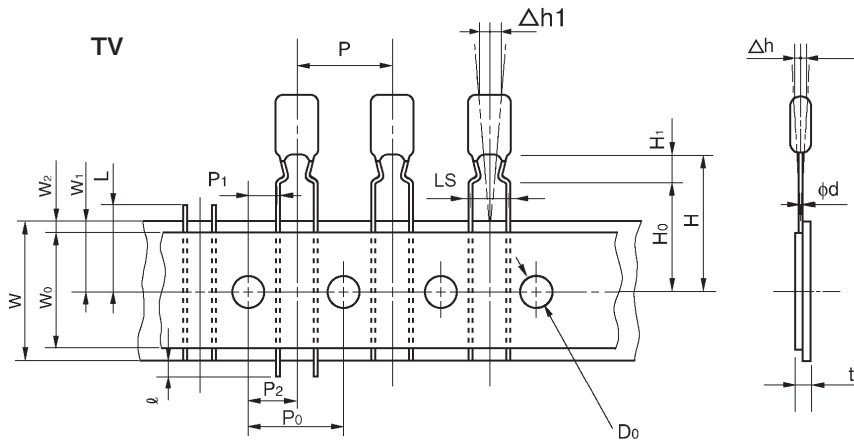
L	Code
3.5	B1
4.0	B3
4.5	B5
5.0	B7

**◆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>

