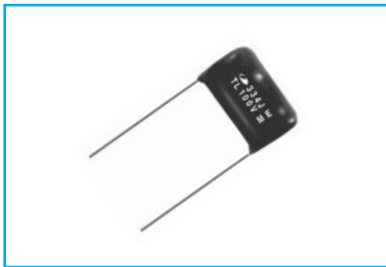


# PLASTIC FILM CAPACITORS

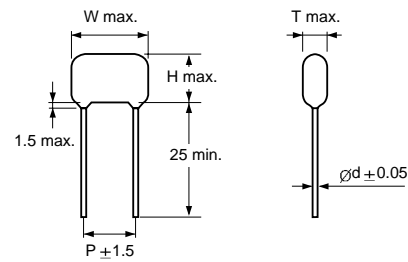
## TL Non-Inductive Metallized Polyester Film Series

- Smaller sizes than TM series
- Including lead space of 5.0mm
- Non-inductive construction
- Flame retardant epoxy resin coating
- Self-healing property
- Applications : Filtering and coupling circuits of general communication equipment

Item	Characteristics		
Operating temperature range	-40 ~ +85°C		
Capacitance tolerance	±5%(J), ±10%(K), ±20%(M) at 1kHz, 20°C		
Dissipation factor	0.01 max. at 1kHz, 20°C		
Insulation resistance	C ≤ 0.33 μF : 9000 MΩ min., C > 0.33 μF : 3000 ΩF min.		
Withstand voltage	Test voltage	Rated voltage × 1.5	Rated voltage × 1.75
	Terminal to terminal	60 ~ 65 s	1 ~ 5 s
	Terminal to coating	1 ~ 5 s	—



### ● DRAWING



# PLASTIC FILM CAPACITORS



**TL** series

● DIMENSIONS/LEAD SPACE : 5mm

Unit : mm

μF	WV Code	63VDC(1J)					100VDC(2A)				
		T	W	H	P	∅d	T	W	H	P	∅d
0.01							3.5	7.5	7.0	5.0	0.5
0.012							3.5	7.5	7.0	5.0	0.5
0.015							3.5	7.5	7.0	5.0	0.5
0.018							3.5	7.5	7.0	5.0	0.5
0.022							3.5	7.5	7.0	5.0	0.5
0.027							3.5	7.5	7.0	5.0	0.5
0.033							3.5	7.5	7.0	5.0	0.5
0.039							3.5	7.5	7.0	5.0	0.5
0.047		3.5	7.5	7.0	5.0	0.5	3.5	7.5	7.0	5.0	0.5
0.056		3.5	7.5	7.0	5.0	0.5	3.5	7.5	7.5	5.0	0.5
0.068		3.5	7.5	7.0	5.0	0.5	3.5	7.5	7.5	5.0	0.5
0.082		3.5	7.5	7.0	5.0	0.5	4.0	7.5	8.0	5.0	0.5
0.1		3.5	7.5	7.0	5.0	0.5	4.5	7.5	8.5	5.0	0.5
0.12		3.5	7.5	7.0	5.0	0.5					
0.15		4.0	7.5	7.0	5.0	0.5					
0.18		4.5	7.5	7.0	5.0	0.5					
0.22		4.5	7.5	7.5	5.0	0.5					
0.27		5.0	7.5	8.0	5.0	0.5					
0.33		5.5	7.5	9.0	5.0	0.5					
0.39		5.5	7.5	9.5	5.0	0.5					
0.47		6.0	7.5	9.5	5.0	0.5					
0.56		6.0	7.5	10.0	5.0	0.5					
0.68		6.5	7.5	10.5	5.0	0.5					
0.82		6.5	7.5	10.5	5.0	0.5					
1.0		6.5	7.5	10.5	5.0	0.5					

\* Note : The above products of lead space 5.0mm are applied to taping of lead center spacing 5.0mm

● DIMENSIONS

Unit : mm

μF	WV Code	100VDC(2A)					250VDC(2E)					400VDC(2G)					630VDC(2J)					
		T	W	H	P	∅d	T	W	H	P	∅d	T	W	H	P	∅d	T	W	H	P	∅d	
0.01		5.0	11.0	8.0	7.5	0.6	5.0	11.0	8.0	7.5	0.6	5.5	11.0	8.5	7.5	0.6	5.5	13.0	9.0	10.0	10.0	0.6
0.012		5.0	11.0	8.5	7.5	0.6	5.0	11.0	8.0	7.5	0.6	5.5	11.0	8.5	7.5	0.6	5.5	13.0	10.0	10.0	10.0	0.6
0.015		5.0	11.0	8.5	7.5	0.6	5.0	11.0	8.5	7.5	0.6	5.5	11.0	9.0	7.5	0.6	5.5	13.0	10.0	10.0	10.0	0.6
0.018		5.0	11.0	9.0	7.5	0.6	5.0	11.0	8.5	7.5	0.6	6.0	11.0	9.0	7.5	0.6	5.5	13.0	10.0	10.0	10.0	0.6
0.022		5.0	11.0	9.0	7.5	0.6	5.0	11.0	8.5	7.5	0.6	5.5	13.0	10.0	10.0	0.6	5.5	13.0	10.0	10.0	10.0	0.6
0.027		5.0	11.0	9.0	7.5	0.6	5.0	11.0	8.5	7.5	0.6	5.5	13.0	10.0	10.0	0.6	5.5	13.0	10.0	10.0	10.0	0.6
0.033		5.0	11.0	9.0	7.5	0.6	5.0	11.0	8.5	7.5	0.6	6.0	13.0	10.0	10.0	0.6	6.5	13.0	10.5	10.0	10.0	0.6
0.039		5.0	11.0	9.0	7.5	0.6	5.0	11.0	8.5	7.5	0.6	6.0	13.0	10.0	10.0	0.6	7.0	13.0	11.0	10.0	10.0	0.6
0.047		5.0	11.0	9.0	7.5	0.6	5.5	11.0	8.5	7.5	0.6	6.0	13.0	10.0	10.0	0.6	7.0	13.0	12.0	10.0	10.0	0.6
0.056		5.0	11.0	9.0	7.5	0.6	5.5	11.0	9.0	7.5	0.6	6.0	13.0	10.5	10.0	0.6	6.0	18.5	11.5	15.0	15.0	0.6
0.068		5.0	11.0	9.0	7.5	0.6	5.5	11.0	9.0	7.5	0.6	6.5	13.0	10.5	10.0	0.6	6.5	18.5	11.5	15.0	15.0	0.6
0.082		5.0	11.0	9.0	7.5	0.6	5.5	11.0	9.0	7.5	0.6	7.0	13.0	11.0	10.0	0.6	6.5	18.5	11.5	15.0	15.0	0.6
0.1		5.5	11.0	9.0	7.5	0.6	5.5	11.0	9.5	7.5	0.6	6.0	18.5	10.0	15.0	0.6	7.5	18.5	13.5	15.0	15.0	0.6
0.12		5.5	13.0	10.0	10.0	0.6	5.5	13.0	9.5	10.0	0.6	6.0	18.5	10.5	15.0	0.6	8.0	18.5	13.5	15.0	15.0	0.8
0.15		5.5	13.0	10.0	10.0	0.6	5.5	13.0	10.0	10.0	0.6	6.5	18.5	11.0	15.0	0.6	8.0	18.5	15.5	15.0	15.0	0.8
0.18		6.0	13.0	10.5	10.0	0.6	6.0	13.0	10.5	10.0	0.6	6.5	18.5	12.0	15.0	0.6	9.0	18.5	16.0	15.0	15.0	0.8
0.22		6.5	13.0	11.0	10.0	0.6	6.5	13.0	11.0	10.0	0.6	7.0	18.5	13.0	15.0	0.6	8.0	26.0	15.0	22.5	22.5	0.8
0.27		7.0	13.0	11.5	10.0	0.6	7.0	13.0	11.5	10.0	0.6	8.0	18.5	13.0	15.0	0.8	8.0	26.0	15.5	22.5	22.5	0.8
0.33		6.0	18.5	11.0	15.0	0.6	6.0	18.5	11.0	15.0	0.6	8.5	18.5	14.0	15.0	0.8	9.0	26.0	16.0	22.5	22.5	0.8
0.39		6.5	18.5	11.0	15.0	0.6	6.5	18.5	11.0	15.0	0.6	8.5	18.5	15.0	15.0	0.8	9.5	26.0	17.0	22.5	22.5	0.8
0.47		7.0	18.5	11.5	15.0	0.6	7.0	18.5	12.0	15.0	0.6	9.0	18.5	16.0	15.0	0.8	10.5	26.0	18.0	22.5	22.5	0.8
0.56		7.5	18.5	12.0	15.0	0.6	7.5	18.5	12.0	15.0	0.6	8.0	26.0	15.0	22.5	0.8	10.5	26.0	19.5	22.5	22.5	0.8
0.68		7.5	18.5	13.0	15.0	0.8	7.5	18.5	13.0	15.0	0.8	8.5	26.0	15.5	22.5	0.8	12.0	26.0	20.5	22.5	22.5	0.8
0.82		8.0	18.5	14.0	15.0	0.8	8.0	18.5	14.0	15.0	0.8	9.5	26.0	16.5	22.5	0.8	13.0	31.0	20.0	27.5	27.5	0.8
1.0		9.0	18.5	15.0	15.0	0.8	9.0	18.5	15.0	15.0	0.8	10.0	26.0	18.0	22.5	0.8	14.0	31.0	20.0	27.5	27.5	0.8
1.2		8.5	26.0	14.0	22.5	0.8	8.5	26.0	14.0	22.5	0.8	10.5	26.0	19.0	22.5	0.8						
1.5		10.0	26.0	15.0	22.5	0.8	9.0	26.0	14.5	22.5	0.8	11.0	31.0	19.0	27.5	0.8						
1.8		10.0	26.0	16.0	22.5	0.8	9.0	26.0	16.0	22.5	0.8	12.0	31.0	20.0	27.5	0.8						
2.2		11.0	26.0	17.0	22.5	0.8	10.0	26.0	17.0	22.5	0.8	13.0	31.0	21.0	27.5	0.8						
2.7		11.0	26.0	17.5	22.5	0.8	11.0	26.0	18.0	22.5	0.8											
3.3		12.5	26.0	20.0	22.5	0.8	12.5	26.0	20.0	22.5	0.8											
3.9		13.0	26.0	21.0	22.5	0.8	13.0	26.0	21.0	22.5	0.8											

□ Applicable to taping of lead center spacing = 5.0 mm  
 ■ Applicable to taping of lead center spacing = 7.5 mm