

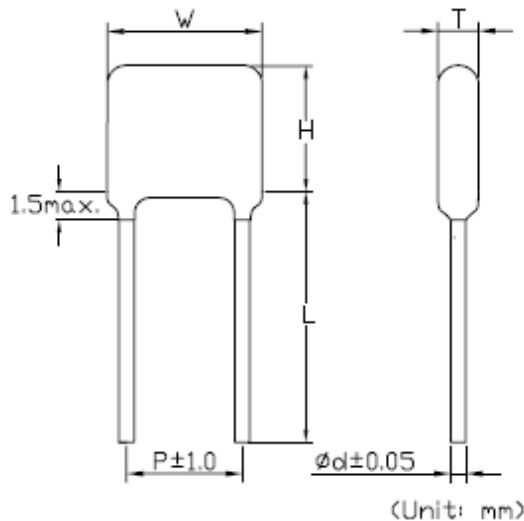
CMPS Series

Metallized Polypropylene Film Capacitors (Radial Dipped)

TRIGON
COMPONENTS



Configuration



Capacitor

FEATURES

- Metallized polypropylene structure.
- Low loss at high frequency.
- Small inherent temperature rise.
- Flame retardant epoxy resin powder coating (UL94 V-0).
- RoHS compliant.

APPLICATIONS

- Widely used in high frequency, DC, AC and pulse circuits.
- Providing optimum performance with small size in S-corrections circuits for color TV set.
- Specially designed for S-correction circuits of large screen monitor and color TV.
- Suitable for the situation where applies high frequency and high current pulse.

ORDERING CODE

CMPS 104 J 251 L 100 T
(1) (2) (3) (4) (5) (6) (7)

- (1) Metallized Polypropylene Film Capacitor – 250VDC, 400VDC
- (2) Capacitance Code
- (3) Tolerance Code
- (4) Rated Voltage Code
- (5) Style
- (6) Lead to Lead Distance
- (7) Package

※ Please refer to complete Ordering Code document (CPMx-Ord) for more ordering options.

Specification:

Item	Performance Characteristics
Reference Standard	GB/T 14579 (IEC 60384-17)
Climatic Category	40/105/21
Rated Temperature	85°C
Operating Temperature	-40°C ~ +105°C (+85°C to +105°C: Decreasing Factor 1.25% per °C for V _R (dc))
Rated Voltage	100Vdc, 250Vdc, 400Vdc, 630Vdc, 1000Vdc
Capacitance Range	0.010 μF ~ 3.3 μF
Capacitance Tolerance	±5% (J), ±10% (K), ±20%(M)
Voltage Proof	1.60U _R (5s)
Dissipation Factor	≤10X10 ⁻⁴ AT 1KHz, 20°C
Insulation Resistance	≥ 50,000 MΩ (CR≤0.33uF) (20°C, 100V, 1min) ≥ 15,000 MΩ (CR>0.33uF)

CMPS Series

Metallized Polypropylene Film Capacitors (Radial Dipped)

TRIGON
COMPONENTS

Dimensions: (Unit: mm)

RV	100VDC (63VAC) / 160VDC (90VAC)						RV	250VDC (160VAC)						RV	400VDC (200VAC)					
	Cap.(uF)	W	H	T	P	d		Cap.(uF)	W	H	T	P	d		Cap.(uF)	W	H	T	P	d
0.010	10.0	10.0	6.0	7.5	0.6	CMPS103-101+075~	0.010	10.0	10.0	6.0	7.5	0.6	CMPS103-251+075~	0.010	10.0	10.0	6.0	7.5	0.6	CMPS103-401+075~
0.011	10.0	10.0	6.0	7.5	0.6	CMPS113-101+075~	0.011	10.0	10.0	6.0	7.5	0.6	CMPS113-251+075~	0.011	10.0	10.0	6.0	7.5	0.6	CMPS113-401+075~
0.012	10.0	10.5	6.5	7.5	0.6	CMPS123-101+075~	0.012	10.0	10.5	6.5	7.5	0.6	CMPS123-251+075~	0.012	10.0	10.5	6.5	7.5	0.6	CMPS123-401+075~
0.013	10.0	10.5	6.5	7.5	0.6	CMPS133-101+075~	0.013	10.0	9.0	6.5	7.5	0.6	CMPS133-251+075~	0.013	10.0	10.5	6.5	7.5	0.6	CMPS133-401+075~
0.015	10.0	11.0	7.0	7.5	0.6	CMPS153-101+075~	0.015	10.0	9.5	6.0	7.5	0.6	CMPS153-251+075~	0.015	10.0	11.0	7.0	7.5	0.6	CMPS153-401+075~
0.016	10.0	11.0	7.0	7.5	0.6	CMPS163-101+075~	0.016	10.0	9.5	6.0	7.5	0.6	CMPS163-251+075~	0.016	10.0	11.0	7.0	7.5	0.6	CMPS163-401+075~
0.018	10.0	11.0	7.5	7.5	0.6	CMPS183-101+075~	0.018	10.0	10.0	6.0	7.5	0.6	CMPS183-251+075~	0.018	10.0	11.0	7.5	7.5	0.6	CMPS183-401+075~
0.020	10.0	9.0	5.0	7.5	0.6	CMPS203-101+075~	0.020	10.0	9.0	5.0	7.5	0.6	CMPS203-251+075~	0.020	10.0	11.5	7.5	7.5	0.6	CMPS203-401+075~
0.022	10.0	9.0	5.5	7.5	0.6	CMPS223-101+075~	0.022	10.0	9.0	5.5	7.5	0.6	CMPS223-251+075~	0.022	10.0	12.0	8.0	7.5	0.6	CMPS223-401+075~
0.024	10.0	9.0	5.5	7.5	0.6	CMPS243-101+075~	0.024	10.0	9.5	5.5	7.5	0.6	CMPS243-251+075~	0.024	13.0	10.5	6.5	10.0	0.6	CMPS243-401+100~
0.027	10.0	9.5	5.5	7.5	0.6	CMPS273-101+075~	0.027	10.0	9.5	5.5	7.5	0.6	CMPS273-251+075~	0.027	13.0	12.0	6.5	10.0	0.6	CMPS273-401+100~
0.030	10.0	9.5	6.0	7.5	0.6	CMPS303-101+075~	0.030	10.0	9.5	6.0	7.5	0.6	CMPS303-251+075~	0.030	13.0	12.0	6.5	10.0	0.6	CMPS303-401+100~
0.033	10.0	10.0	6.0	7.5	0.6	CMPS333-101+075~	0.033	10.0	10.0	6.0	7.5	0.6	CMPS333-251+075~	0.033	13.0	12.0	7.0	10.0	0.6	CMPS333-401+100~
0.036	10.0	10.0	6.0	7.5	0.6	CMPS363-101+075~	0.036	10.0	10.0	6.0	7.5	0.6	CMPS363-251+075~	0.036	13.0	12.5	7.0	10.0	0.6	CMPS363-401+100~
0.039	10.0	10.0	6.5	7.5	0.6	CMPS393-101+075~	0.039	10.0	10.0	6.5	7.5	0.6	CMPS393-251+075~	0.039	13.0	12.5	7.0	10.0	0.6	CMPS393-401+100~
0.043	10.0	10.5	6.5	7.5	0.6	CMPS433-101+075~	0.043	10.0	10.5	6.5	7.5	0.6	CMPS433-251+075~	0.043	13.0	13.0	7.5	10.0	0.6	CMPS433-401+100~
0.047	10.0	10.5	7.0	7.5	0.6	CMPS473-101+075~	0.047	10.0	10.5	7.0	7.5	0.6	CMPS473-251+075~	0.047	13.0	13.0	8.0	10.0	0.6	CMPS473-401+100~
0.051	10.0	9.0	5.5	7.5	0.6	CMPS513-101+075~	0.051	13.0	10.0	6.0	10.0	0.6	CMPS513-251+100~	0.051	13.0	13.5	8.0	10.0	0.6	CMPS513-401+100~
0.056	10.0	9.0	5.5	7.5	0.6	CMPS563-101+075~	0.056	13.0	10.0	6.5	10.0	0.6	CMPS563-251+100~	0.056	13.0	14.0	8.5	10.0	0.6	CMPS563-401+100~
0.062	10.0	9.5	5.5	7.5	0.6	CMPS623-101+075~	0.062	13.0	10.5	6.5	10.0	0.6	CMPS623-251+100~	0.062	19.0	12.0	6.5	15.0	0.6	CMPS623-401+150~
0.068	10.0	9.5	6.0	7.5	0.6	CMPS683-101+075~	0.068	13.0	10.5	7.0	10.0	0.6	CMPS683-251+100~	0.068	19.0	13.5	6.5	15.0	0.6	CMPS683-401+150~
0.075	10.0	9.5	6.0	7.5	0.6	CMPS753-101+075~	0.075	13.0	11.0	7.0	10.0	0.6	CMPS753-251+100~	0.075	19.0	13.5	6.5	15.0	0.6	CMPS753-401+150~
0.082	10.0	10.5	6.0	7.5	0.6	CMPS823-101+075~	0.082	13.0	10.5	6.0	10.0	0.6	CMPS823-251+100~	0.082	19.0	13.5	7.0	15.0	0.6	CMPS823-401+150~
0.091	10.0	10.5	6.0	7.5	0.6	CMPS913-101+075~	0.091	13.0	11.0	6.0	10.0	0.6	CMPS913-251+100~	0.091	19.0	14.0	7.0	15.0	0.6	CMPS913-401+150~
0.10	10.0	10.5	6.5	7.5	0.6	CMPS104-101+075~	0.10	13.0	11.0	6.5	10.0	0.6	CMPS104-251+100~	0.10	19.0	14.5	7.5	15.0	0.6	CMPS104-401+150~
0.11	10.0	11.0	6.5	7.5	0.6	CMPS114-101+075~	0.11	13.0	11.0	6.5	10.0	0.6	CMPS114-251+100~	0.11	19.0	14.5	8.0	15.0	0.6	CMPS114-401+150~
0.12	10.0	11.0	6.5	7.5	0.6	CMPS124-101+075~	0.12	13.0	11.5	7.0	10.0	0.6	CMPS124-251+100~	0.12	19.0	15.0	8.0	15.0	0.6	CMPS124-401+150~
0.13	13.0	10.5	6.0	10.0	0.6	CMPS134-101+100~	0.13	19.0	12.0	6.5	15.0	0.6	CMPS134-251+100~	0.13	19.0	15.0	8.5	15.0	0.6	CMPS134-401+150~
0.15	13.0	11.0	6.5	10.0	0.6	CMPS154-101+100~	0.15	19.0	12.0	7.0	15.0	0.6	CMPS154-251+100~	0.15	19.0	15.5	9.0	15.0	0.6	CMPS154-401+150~
0.16	13.0	11.0	6.5	10.0	0.6	CMPS164-101+100~	0.16	19.0	12.5	7.0	15.0	0.6	CMPS164-251+100~	0.16	19.0	16.0	9.0	15.0	0.8	CMPS164-401+150~
0.18	13.0	12.0	6.5	10.0	0.6	CMPS184-101+100~	0.18	19.0	13.5	7.0	15.0	0.6	CMPS184-251+100~	0.18	24.0	15.0	8.0	20.0	0.8	CMPS184-401+200~
0.20	13.0	12.0	7.0	10.0	0.6	CMPS204-101+100~	0.20	19.0	14.0	7.0	15.0	0.6	CMPS204-251+100~	0.20	24.0	15.0	8.5	20.0	0.8	CMPS204-401+200~
0.22	13.0	12.5	7.0	10.0	0.6	CMPS224-101+100~	0.22	19.0	14.0	7.5	15.0	0.6	CMPS224-251+100~	0.22	24.0	16.0	8.5	20.0	0.8	CMPS224-401+200~
0.24	13.0	12.5	7.5	10.0	0.6	CMPS244-101+100~	0.24	19.0	14.5	7.5	15.0	0.6	CMPS244-251+100~	0.24	24.0	16.0	9.0	20.0	0.8	CMPS244-401+200~
0.27	13.0	13.0	7.5	10.0	0.6	CMPS274-101+100~	0.27	19.0	15.0	8.0	15.0	0.6	CMPS274-251+100~	0.27	24.0	16.5	9.5	20.0	0.8	CMPS274-401+200~
0.30	19.0	11.5	6.5	15.0	0.6	CMPS304-101+150~	0.30	19.0	15.0	8.5	15.0	0.6	CMPS304-251+150~	0.30	24.0	17.0	10.0	20.0	0.8	CMPS304-401+200~
0.33	19.0	12.0	6.5	15.0	0.6	CMPS334-101+150~	0.33	19.0	15.5	9.0	15.0	0.6	CMPS334-251+150~	0.33	24.0	17.5	10.0	20.0	0.8	CMPS334-401+200~
0.36	19.0	12.0	7.0	15.0	0.6	CMPS364-101+150~	0.36	24.0	14.0	8.5	20.0	0.8	CMPS364-251+200~	0.36	29.0	16.5	9.5	25.0	0.8	CMPS364-401+250~
0.39	19.0	12.5	7.0	15.0	0.6	CMPS394-101+150~	0.39	24.0	14.5	8.5	20.0	0.8	CMPS394-251+200~	0.39	29.0	17.0	9.5	25.0	0.8	CMPS394-401+250~
0.43	19.0	12.5	7.5	15.0	0.6	CMPS434-101+150~	0.43	24.0	15.0	8.5	20.0	0.8	CMPS434-251+200~	0.43	29.0	17.5	10.0	25.0	0.8	CMPS434-401+250~
0.47	19.0	13.0	7.5	15.0	0.6	CMPS474-101+150~	0.47	24.0	15.0	9.0	20.0	0.8	CMPS474-251+200~	0.47	29.0	18.5	10.0	25.0	0.8	CMPS474-401+250~
0.51	19.0	13.0	8.0	15.0	0.6	CMPS514-101+150~	0.51	24.0	15.5	9.5	20.0	0.8	CMPS514-251+200~	0.51	29.0	19.0	10.5	25.0	0.8	CMPS514-401+250~
0.56	19.0	13.5	8.0	15.0	0.6	CMPS564-101+150~	0.56	24.0	16.0	10.0	20.0	0.8	CMPS564-251+200~	0.56	29.0	19.5	11.0	25.0	0.8	CMPS564-401+250~
0.62	19.0	13.5	8.5	15.0	0.6	CMPS624-101+150~	0.62	24.0	16.5	10.0	20.0	0.8	CMPS624-251+200~	0.62	29.0	20.0	11.5	25.0	0.8	CMPS624-401+250~
0.68	19.0	14.0	9.0	15.0	0.6	CMPS684-101+150~	0.68	24.0	17.5	10.5	20.0	0.8	CMPS684-251+200~	0.68	29.0	19.5	12.0	25.0	0.8	CMPS684-401+250~
0.75	19.0	14.5	9.5	15.0	0.8	CMPS754-101+150~	0.75	24.0	18.0	11.0	20.0	0.8	CMPS754-251+200~	0.75	29.0	21.0	12.5	25.0	0.8	CMPS754-401+250~
0.82	19.0	15.0	9.5	15.0	0.8	CMPS824-101+150~	0.82	24.0	18.5	11.5	20.0	0.8	CMPS824-251+200~	0.82	34.0	20.5	12.0	30.0	0.8	CMPS824-401+300~
0.91	24.0	15.0	8.5	20.0	0.8	CMPS914-101+150~	0.91	24.0	19.0	12.0	20.0	0.8	CMPS914-251+200~	0.91	34.0	21.0	12.5	30.0	0.8	CMPS914-401+300~
1.0	24.0	15.5	8.5	20.0	0.8	CMPS105-101+150~	1.0	29.0	17.5	9.0	25.0	0.8	CMPS105-251+250~	1.0	34.0	21.5	13.0	30.0	0.8	CMPS105-401+300~
1.1	24.0	16.0	9.0	20.0	0.8	CMPS115-101+150~	1.1	29.0	18.0	9.5	25.0	0.8	CMPS115-251+250~							
1.2	24.0	16.0	9.5	20.0	0.8	CMPS125-101+150~	1.2	29.0	18.0	10.0	25.0	0.8	CMPS125-251+250~							
1.3	24.0	16.5	9.5	20.0	0.8	CMPS135-101+150~	1.3	29.0	18.5	10.0	25.0	0.8	CMPS135-251+250~							
1.5	24.0	17.0	10.5	20.0	0.8	CMPS155-101+150~	1.5	29.0	19.5	11.0	25.0	0.8	CMPS155-251+250~							
1.6	24.0	17.5	11.0	20.0	0.8	CMPS165-101+150~	1.6	29.0	20.5	10.5	25.0	0.8	CMPS165-251+250~							
1.8	24.0	18.0	11.5	20.0	0.8	CMPS185-101+150~	1.8	29.0	21.5	11.5	25.0	0.8	CMPS185-251+250~							
2.0	29.0	17.5	10.5	25.0	0.8	CMPS205-101+250~	2.0	29.0	22.0	12.0	25.0	0.8	CMPS205-251+250~							

CMPS Series

Metallized Polypropylene Film Capacitors (Radial Dipped)

TRIGON
COMPONENTS

Dimensions: (Unit: mm)

RV		630VDC (220VAC)						RV		630VDC (220VAC)						RV		1000VDC (400VAC)					
Cap.(uF)	W	H	T	P	d	P/N	Cap.(uF)	W	H	T	P	d	P/N	Cap.(uF)	W	H	T	P	d	P/N			
0.0010	10.0	9.0	5.5	7.5	0.6	CMPS102-631+075~	0.024	19.0	12.0	6.5	15.0	0.6	CMPS243-631+150~	0.0010	10.0	9.0	5.5	7.5	0.6	CMPS102-102+075~			
0.0011	10.0	13.0	5.5	7.5	0.6	CMPS112-631+075~	0.027	19.0	12.0	7.0	15.0	0.6	CMPS273-631+150~	0.0011	10.0	9.0	5.5	7.5	0.6	CMPS112-102+075~			
0.0012	10.0	13.0	5.0	7.5	0.6	CMPS122-631+075~	0.030	19.0	12.5	7.0	15.0	0.6	CMPS303-631+150~	0.0012	10.0	9.0	5.0	7.5	0.6	CMPS122-102+075~			
0.0013	10.0	13.0	5.0	7.5	0.6	CMPS132-631+075~	0.033	19.0	12.5	7.5	15.0	0.6	CMPS333-631+150~	0.0013	10.0	9.0	5.0	7.5	0.6	CMPS132-102+075~			
0.0015	10.0	13.0	5.0	7.5	0.6	CMPS152-631+075~	0.036	19.0	13.0	8.0	15.0	0.6	CMPS363-631+150~	0.0015	10.0	9.0	5.0	7.5	0.6	CMPS152-102+075~			
0.0016	10.0	13.0	5.5	7.5	0.6	CMPS162-631+075~	0.039	19.0	13.0	8.0	15.0	0.6	CMPS393-631+150~	0.0016	10.0	9.0	5.5	7.5	0.6	CMPS162-102+075~			
0.0018	10.0	13.0	5.5	7.5	0.6	CMPS182-631+075~	0.043	19.0	13.5	8.0	15.0	0.6	CMPS433-631+150~	0.0018	10.0	9.0	5.5	7.5	0.6	CMPS182-102+075~			
0.0020	10.0	13.0	5.5	7.5	0.6	CMPS202-631+075~	0.047	19.0	13.5	8.5	15.0	0.6	CMPS473-631+150~	0.0020	10.0	9.0	5.5	7.5	0.6	CMPS202-102+075~			
0.0022	10.0	13.0	6.0	7.5	0.6	CMPS222-631+075~	0.051	19.0	14.0	9.0	15.0	0.8	CMPS513-631+150~	0.0022	10.0	9.0	6.0	7.5	0.6	CMPS222-102+075~			
0.0024	10.0	13.0	5.0	7.5	0.6	CMPS242-631+075~	0.056	19.0	15.0	8.5	15.0	0.8	CMPS563-631+150~	0.0024	10.0	10.0	6.0	7.5	0.6	CMPS242-102+075~			
0.0027	10.0	13.0	5.0	7.5	0.6	CMPS272-631+075~	0.062	19.0	15.5	9.0	15.0	0.8	CMPS623-631+150~	0.0027	10.0	10.0	6.0	7.5	0.6	CMPS272-102+075~			
0.0030	10.0	13.0	5.0	7.5	0.6	CMPS302-631+075~	0.068	24.0	14.5	8.0	20.0	0.8	CMPS683-631+200~	0.0030	10.0	10.0	6.5	7.5	0.6	CMPS302-102+075~			
0.0033	10.0	13.0	5.5	7.5	0.6	CMPS332-631+075~	0.075	24.0	15.0	8.0	20.0	0.8	CMPS753-631+200~	0.0033	10.0	10.0	6.5	7.5	0.6	CMPS332-102+075~			
0.0036	10.0	13.0	5.5	7.5	0.6	CMPS362-631+075~	0.082	24.0	15.0	8.5	20.0	0.8	CMPS823-631+200~	0.0036	10.0	10.5	7.0	7.5	0.6	CMPS362-102+075~			
0.0039	10.0	13.0	5.5	7.5	0.6	CMPS392-631+075~	0.091	24.0	15.5	8.5	20.0	0.8	CMPS913-631+200~	0.0039	10.0	10.5	7.0	7.5	0.6	CMPS392-102+075~			
0.0043	10.0	9.5	6.0	7.5	0.6	CMPS432-631+075~	0.10	24.0	16.0	9.0	20.0	0.8	CMPS104-631+200~	0.0043	10.0	10.5	7.0	7.5	0.6	CMPS432-102+075~			
0.0047	10.0	9.5	6.0	7.5	0.6	CMPS472-631+075~	0.11	24.0	16.0	9.5	20.0	0.8	CMPS114-631+200~	0.0047	10.0	11.0	7.5	7.5	0.6	CMPS472-102+075~			
0.0051	10.0	9.5	6.5	7.5	0.6	CMPS512-631+075~	0.12	24.0	16.5	10.0	20.0	0.8	CMPS124-631+200~	0.0051	10.0	11.0	7.5	7.5	0.6	CMPS512-102+075~			
0.0056	10.0	10.0	6.5	7.5	0.6	CMPS562-631+075~	0.13	24.0	17.0	10.0	20.0	0.8	CMPS134-631+200~	0.0056	10.0	11.5	8.0	7.5	0.6	CMPS562-102+075~			
0.0062	10.0	10.0	6.5	7.5	0.6	CMPS622-631+075~	0.15	24.0	17.5	10.5	20.0	0.8	CMPS154-631+200~	0.0062	10.0	11.5	8.5	7.5	0.6	CMPS622-102+075~			
0.0068	12.5	9.0	5.5	10.0	0.6	CMPS682-631+100~	0.16	24.0	18.0	11.0	20.0	0.8	CMPS164-631+200~	0.0068	12.5	10.5	7.0	10.0	0.6	CMPS682-102+100~			
0.0075	12.5	9.0	6.0	10.0	0.6	CMPS752-631+100~	0.18	24.0	19.5	11.0	20.0	0.8	CMPS184-631+200~	0.0075	12.5	10.5	7.0	10.0	0.6	CMPS752-102+100~			
0.0082	12.5	9.0	6.0	10.0	0.6	CMPS822-631+100~	0.20	29.0	19.0	10.0	25.0	0.8	CMPS204-631+250~	0.0082	12.5	10.5	7.0	10.0	0.6	CMPS822-102+100~			
0.0091	12.5	9.5	6.0	10.0	0.6	CMPS912-631+100~	0.22	29.0	19.5	10.0	25.0	0.8	CMPS224-631+250~	0.0091	12.5	11.0	7.5	10.0	0.6	CMPS912-102+100~			
0.010	13.0	11.0	6.0	10.0	0.6	CMPS103-631+100~	0.24	29.0	20.0	10.5	25.0	0.8	CMPS244-631+250~										
0.011	13.0	11.5	6.5	10.0	0.6	CMPS113-631+100~	0.27	29.0	20.5	11.5	25.0	0.8	CMPS274-631+250~										
0.012	13.0	11.5	6.5	10.0	0.6	CMPS123-631+100~	0.30	29.0	21.5	11.5	25.0	0.8	CMPS304-631+250~										
0.013	13.0	11.5	7.0	10.0	0.6	CMPS133-631+100~	0.33	29.0	22.0	12.0	25.0	0.8	CMPS334-631+250~										
0.015	13.0	12.0	7.0	10.0	0.6	CMPS153-631+100~	0.36	29.0	22.5	12.5	25.0	0.8	CMPS364-631+250~										
0.016	13.0	12.0	7.5	10.0	0.6	CMPS163-631+100~	0.39	34.0	20.5	12.5	30.0	0.8	CMPS394-631+300~										
0.018	13.0	13.0	7.5	10.0	0.6	CMPS183-631+100~	0.43	34.0	21.5	13.0	30.0	0.8	CMPS434-631+300~										
0.020	13.0	13.5	8.0	10.0	0.6	CMPS203-631+100~	0.47	34.0	22.0	13.5	30.0	0.8	CMPS474-631+300~										
0.022	13.0	13.5	8.0	10.0	0.6	CMPS223-631+100~	0.51	34.0	22.5	14.0	30.0	0.8	CMPS514-631+300~										
							0.56	34.0	23.0	14.5	30.0	0.8	CMPS564-631+300~										

※ Remark: 1. (-) = Capacitance tolerance code, M=±20%, K=±10%, J=±5%.
 2. (+) = Lead style code.
 3. (~) = Package code.

CMPS Series

Metallized Polypropylene Film Capacitors (Radial Dipped)

TRIGON
COMPONENTS

Dimensions: (Unit: mm) (Current Vs Frequency Table)

Cap. (uF)	250VDC(200Vo-p max)						400VDC(300Vo-p max)					
	15.75KHz	30KHz	50KHz	65KHz	80KHz	100KHz	15.75KHz	30KHz	50KHz	65KHz	80KHz	100KHz
0.10	2.7	3.1	3.6	4.0	4.4	4.9	4.6	5.0	5.5	5.9	6.3	6.8
0.11	2.9	3.3	3.8	4.2	4.6	5.1	4.8	5.2	5.7	6.1	6.5	7.0
0.12	3.1	3.5	4.0	4.4	4.8	5.3	5.1	5.5	6.0	6.4	6.8	7.3
0.13	3.3	3.7	4.2	4.6	5.0	5.5	5.3	5.7	6.2	6.6	7.0	7.5
0.15	3.6	4.0	4.5	4.9	5.3	5.8	5.6	6.0	6.5	6.9	7.3	7.8
0.16	3.7	4.1	4.6	5.0	5.4	5.9	5.8	6.2	6.7	7.1	7.5	8.0
0.18	4.0	4.4	4.9	5.3	5.7	6.2	6.1	6.5	7.0	7.4	7.8	8.3
0.20	4.2	4.6	5.1	5.5	5.9	6.4	6.4	6.8	7.3	7.7	8.1	8.6
0.22	4.4	4.8	5.3	5.7	6.1	6.6	6.7	7.1	7.6	8.0	8.4	8.9
0.24	4.6	5.0	5.5	5.9	6.3	6.8	7.0	7.4	7.9	8.3	8.7	9.2
0.27	4.9	5.3	5.8	6.2	6.6	7.1	7.3	7.7	8.2	8.6	9.0	9.5
0.30	5.1	5.5	6.0	6.4	6.8	7.3	7.6	8.0	8.5	8.9	9.3	9.8
0.33	5.3	5.7	6.2	6.6	7.0	7.5	7.9	8.3	8.8	9.2	9.6	10.1
0.36	5.5	5.9	6.4	6.8	7.2	7.7	8.2	8.6	9.1	9.5	9.9	10.4
0.39	5.7	6.1	6.6	7.0	7.4	7.9	8.4	8.8	9.3	9.7	10.1	10.6
0.43	6.0	6.4	6.9	7.3	7.7	8.2	8.8	9.2	9.7	10.1	10.5	11.0
0.47	6.2	6.6	7.1	7.5	7.9	8.4	9.2	9.6	10.1	10.5	10.9	11.4
0.51	6.5	6.9	7.4	7.8	8.2	8.7	9.6	10.0	10.5	10.9	11.3	11.8
0.56	6.7	7.1	7.6	8.0	8.4	8.9	10.0	10.4	10.9	11.3	11.7	12.2
0.62	7.0	7.4	7.9	8.3	8.7	9.2	10.5	10.9	11.4	11.8	12.2	12.7
0.68	7.3	7.7	8.2	8.6	9.0	9.5	11.0	11.4	11.9	12.3	12.7	13.2
0.75	7.6	8.0	8.5	8.9	9.3	9.8	11.4	11.8	12.3	12.7	13.1	13.6
0.82	7.8	8.2	8.7	9.1	9.5	10.0	11.8	12.2	12.7	13.1	13.5	14.0
0.91	8.1	8.5	9.0	9.4	9.8	10.3	12.3	12.7	13.2	13.6	14.0	14.5
1.0	8.4	8.8	9.3	9.7	10.1	10.6	12.7	13.1	13.6	14.0	14.4	14.9
1.1	8.7	9.1	9.6	10.0	10.4	10.9						
1.2	8.9	9.3	9.8	10.2	10.6	11.1						
1.3	9.2	9.6	10.1	10.5	10.9	11.4						
1.5	9.6	10.0	10.5	10.9	11.3	11.8						

Capacitor

CMPS Series

Metallized Polypropylene Film Capacitors (Radial Dipped)

TRIGON
COMPONENTS

ELECTRICAL CHARACTERISTIC:

No	Test items	Performance	Test Method
1	Withstand voltage (Between terminals)	Shall be no abnormality	150% Of rated voltage, 60sec. or 175% Of rated voltage, 1~5sec.
	Between terminal and enclosure	Shall be no abnormality	UR×200%+1000VDC, 60sec.
2	Insulation resistance (Between terminals)	CR ≤ 0.33uF IR ≥ 50,000MΩ CR > 0.33uF IR ≥ 15,000 (MΩ . uF)	Measured at 100±15VDC, for 60sec / 20°C
3	Capacitance	Within the tolerance specified	1KHz, 1Vrms Max. at 20°C
4	Dissipation factor	≤10X10 ⁻⁴	1KHz, 1Vrms Max. at 20°C
5	Tense strength of terminal	No wire breakage and no damage of capacitor	1. Load force: 1.0 Kg 2. Holding time: 10 ± 1sec
6	Bending strength of terminal	No wire breakage and no damage of capacitor	1. Load force: 0.5 Kg 2. Bending time: 4 x 90° in 5sec
7	Vibration	(1) Appearance: No visible damage (2) Contact: Normal	a. Frequency change: 1min. per cycle 10~55~10Hz b. Vibration distance: 1.5mm c. course: X、Y、Z (axis) d. Time: 2h / axis (6h in total)
8	Solerability	75% Of the surface tinning	a. Solder temperature: 230±5°C b. Solder time: 2±0.5sec
9	Heat shock test	(1) Appearance: No visible damage (2) Withstand Voltage: Normal (3) Capacitance Change: ≤ ±3% of The initial value	The terminal of capacitor shall be immersed in the melting solder. a. Solder temperature: 270±5°C b. Solder time: 3±0.5sec c. Test Voltage: 150% of the rate voltage for 1min.

CMPS Series

Metallized Polypropylene Film Capacitors (Radial Dipped)

TRIGON
COMPONENTS

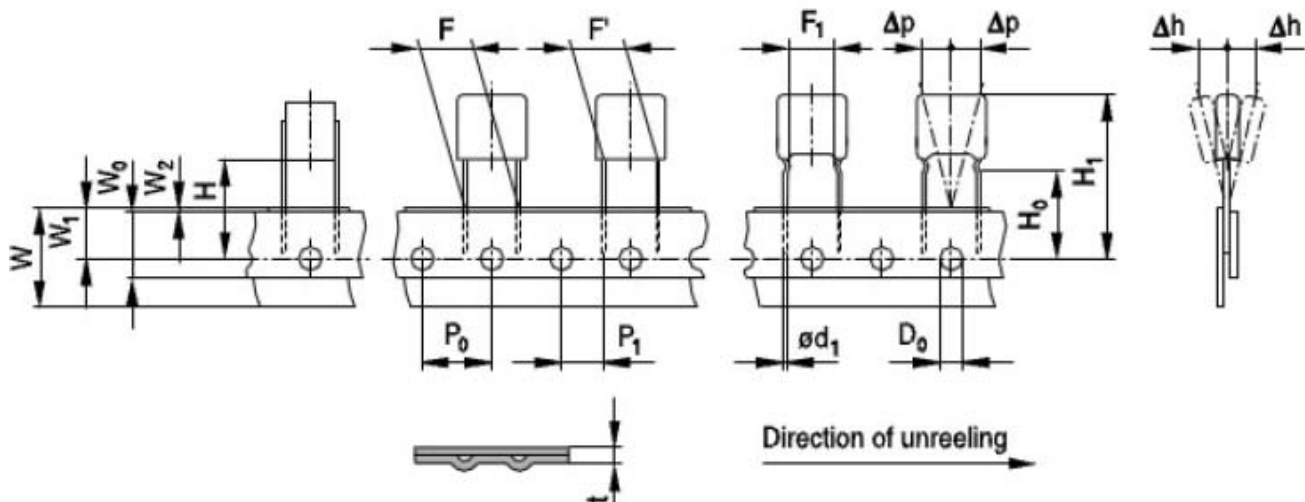
10	Cold Resistance	(1) Appearance: No Visible Damage (2) Capacitance Change: $\leq 0 \sim -10\%$ of The Initial Value	a. Test Temperature: -40°C (IEC 68-2-21) b. Test Times: 2Hrs
11	Dry Heat Resistance	(1) Appearance: No Visible Damage (2) Withstand Voltage: Normal (3) Capacitance Change: $\leq +5 \sim -2\%$ Of The Initial Value (4) Insulation Resistance: $\geq 50\%$ of the rated value	a. Test Temperature: $85^{\circ}\text{C} \pm 2^{\circ}\text{C}$ b. Test Times: 2Hrs.
12	Humidity Resistance	(1) Appearance: No Visible Damage (2) Withstand Voltage: Normal (3) Capacitance Change: $\leq \pm 10\%$ of The Initial Value (4) Insulation Resistance: $\geq 50\%$ of The Rated Value (5) DF ($\tan\delta$) ≤ 0.005	a. Test Temperature: $40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ b. Relative Humidity: 90 ~ 95% c. Test Times: 240 \pm 8Hrs d. Test Voltage: 130% of The Rated Voltage for 1 Minute.
13	Heat Resistance (Charge & Discharge)	(1) Appearance: No Visible Damage (2) DF ($\tan\delta$) ≤ 0.005 (3) Capacitance Change: $\pm 10\%$ of The Initial Value. (4) Insulation Resistance: $\geq 50\%$ of The Rated Value	a. Test Voltage: Rated Voltage Charge for 2 sec. Discharge for 2 sec. Repeated For 100,000 \pm 1000 Cycles b. Test Temperature: $85^{\circ}\text{C} \pm 2^{\circ}\text{C}$
14	Heat Resistance (Continuous)	(1) Appearance : No Visible Damage (2) DF ($\tan\delta$) ≤ 0.005 (3) Capacitance Change : $\pm 7\%$ of The Initial Value (4) Insulation Resistance: $\geq 50\%$ of the rated value	a. Test Voltage: 125% of The Rated Voltage. b. Test Temperature: $85^{\circ}\text{C} \pm 2^{\circ}\text{C}$. c. Test Times: 500 \pm 24Hrs

CMPS Series

Metallized Polypropylene Film Capacitors (Radial Dipped)

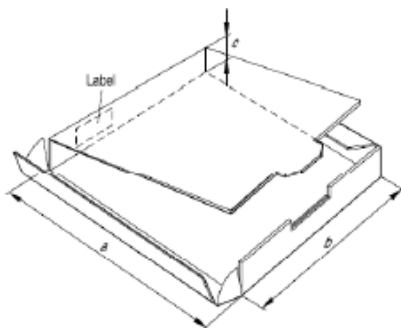
TRIGON
COMPONENTS

Package Information



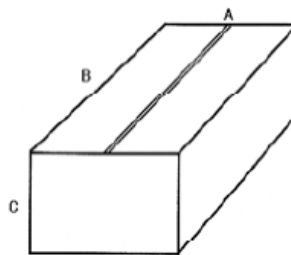
Symbol	$\varnothing d_1$	D_0	F	F'	H	H_1	P_0	P_1
Dimension (mm)	0.5	4.0	5.0	5.0	18.5	32.2	12.7	3.8
Tolerance (mm)	± 0.05	± 0.2	$+0.6/-0.1$	± 0.4	± 0.5	max.	$\pm 0.2^*$	± 0.7
Symbol	W	W_0	W_1	W_2	t	Δh	Δp	
Dimension (mm)	18.0	6.0	9.0	0.5	0.7	0	0	
Tolerance (mm)	± 0.5	± 0.5	± 0.5	$+2.5$	± 0.2	± 2.0	± 1.3	

AMMO



a: 280mm
b: 330mm
c: 50 mm

CARTON



A: 340mm
B: 560mm
C: 290mm