



SYNTON-TECH CORPORATION

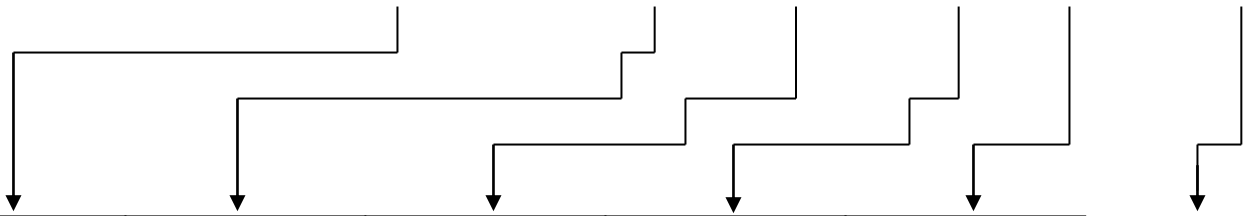
**METALLIZED POLYESTER FILM
CAPACITOR IN PLASTIC BOX**

File No.:	MEFBOX-02
Version:	A
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● EXPLANATIONS OF ORDERING CODE

DESCRIPTION : MEFBOX 4.7NF 5% 63V T5X19

SYNTON CODE : MEFBOX 472 J 63V T5 X 19



<u>Series</u>	<u>Capacitance</u>	<u>Tolerance</u>	<u>Voltage</u>	<u>Pitch</u>	<u>Lead</u>
Metallized Polyester Film Capacitor	<u>value</u> 3 Digits :	J: ±5% K : ±10%	63V 100V 250V	5 ±1mm 10 ±1mm	<u>Length</u> 19 ±3mm
MEFBOX TYPE	472 : 4.7NF (0.0047uF) 473 : 47NF (0.047uF) 474 :0.47uF 105 : 1uF				

APPROVED	CHECKED	DESIGNED	REMARK	DOCUMENT NO.
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● FEATURES

- High pulse strength.
- High contact reliability.

● SPECIFICATIONS

- Operating Temperature : -45°C to $+85^{\circ}\text{C}$ (105°C MAX)
for which the capacitor can be operated continuously
at rated voltage.
- Capacitance Tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K)
- Rated DC Voltage V_R : 63V - 250V
- Dissipation factor (DF) : ≤ 0.008 (0.8%) at 1 KHz.
Measuring Frequency : 1KHz $\pm 10\%$
Measuring Voltage : ≤ 1 Vrms. Max.
- Insulation resistance : ≥ 15000 M Ω ($C \leq 0.33$ uF)
 ≥ 5000 Ω F ($C > 0.33$ uF)
Apply $V_t \pm 15\%$ for 60 ± 5 sec. at $20 \pm 5^{\circ}\text{C}$
 $V_t = 10$ VDC if rated voltage ≤ 100 VDC;
 $V_t = 100$ VDC if 100 VDC $<$ rated voltage ≤ 500 VDC;
 $V_t = 500$ VDC if 500 VDC $<$ rated voltage

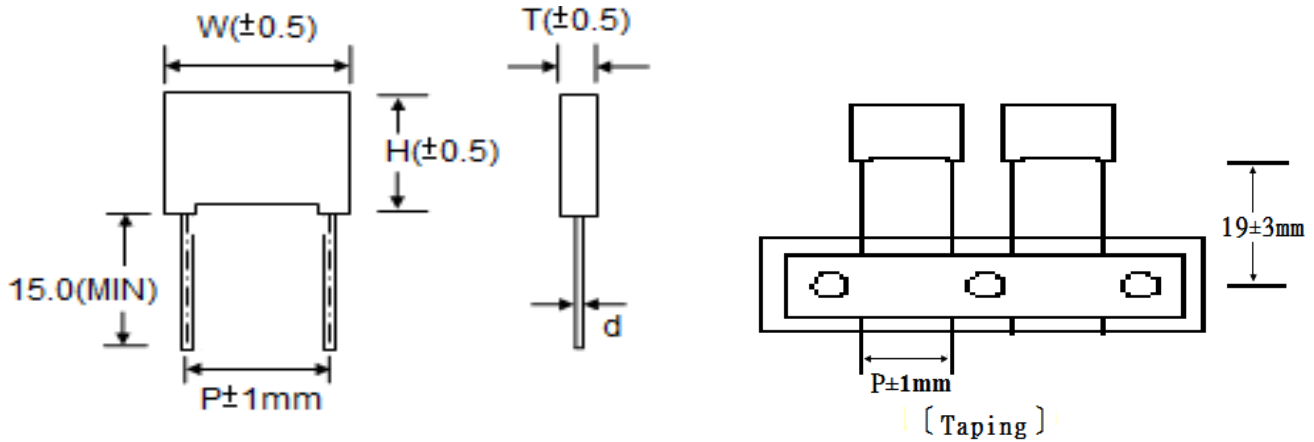


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● DIMENSIONS



DIELECTRIC	Metallized Polyester Film Capacitors
ELECTRODE	Special Solder
LEAD WIRE	Copper-clad Steel Wire
INNER COATING	Epoxy Resin
OUTER COATING	yellow box

**SYNTECH CORPORATION****METALLIZED POLYESTER FILM
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63VDC**unit:mm**

Cap.	W	H	T	P	d Ø
1.0nF	7.2	6.5	2.5	5.0	0.5
2.2nF	7.2	6.5	2.5	5.0	0.5
3.9nF	7.2	6.5	2.5	5.0	0.5
4.7nF	7.2	6.5	2.5	5.0	0.5
5.6nF	7.2	6.5	2.5	5.0	0.5
10 nF	7.2	6.5	2.5	5.0	0.5
22 nF	7.2	6.5	2.5	5.0	0.5
56 nF	7.2	6.5	2.5	5.0	0.5
82 nF	7.2	6.5	2.5	5.0	0.5
0.1 uF	7.2	6.5	2.5	5.0	0.5
0.15 uF	7.2	6.5	2.5	5.0	0.5
0.18 uF	7.2	6.5	2.5	5.0	0.5
0.22 uF	7.2	7.5	3.5	5.0	0.5
0.47 uF	7.2	9.5	4.5	5.0	0.5
0.68 uF	7.2	11.0	6.0	10.0	0.6

100VDC**unit:mm**

Cap.	W	H	T	P	d Ø
1.0nF	7.2	6.5	2.5	5.0	0.5
3.9nF	7.2	6.5	2.5	5.0	0.5
10 nF	7.2	6.5	2.5	5.0	0.5
22 nF	7.2	6.5	2.5	5.0	0.5
33 nF	7.2	6.5	2.5	5.0	0.5
0.1 uF	7.2	6.5	2.5	5.0	0.5
0.22 uF	7.2	7.5	3.5	5.0	0.5
0.68 uF	7.2	11.0	6.0	10.0	0.6

250VDC**unit:mm**

Cap.	W	H	T	P	d Ø
47 nF	7.2	6.5	2.5	5.0	0.5