

# EB Non-Inductive Metallized Polyester Film Series

- Non-inductive construction
- Flame retardant resin case
- Small sized and available for automatic insertion
- Applications : VTR and automotive electronics



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	$WV \leq 100$ $C \geq 0.1 \mu F : 1000M \Omega \text{ min.}, C > 0.1 \mu F : 1000 \Omega \text{ F min.}$
	$WV > 100$ $C \geq 0.33 \mu F : 3000M \Omega \text{ min.}, C > 0.33 \mu F : 10000 \Omega \text{ F min.}$
Withstand voltage (Terminal to terminal)	Test voltage : Rated voltage $\times$ 1.5 (VDC) Test time : 2s

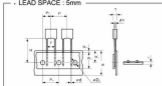
### • DRAWING



Unit : mm

### • Lead Taping Capacitors for Automatic Insertion

• LEAD SPACE : 5mm



### • Lead cut



Unit : mm

Description	Symbol	Drawing	Tolerance
Lead wire diameter	φd	3.0	±0.05
Body pitch	P	12.7	±1.0
Feeding hole pitch	P <sub>c</sub>	12.7	±0.3
Feeding hole off alignment	P <sub>o</sub>	±0.38	±1.0
Lead center spacing	F	5.0	+0.6/-0.2
Body inclination	∠h	0	±2.0
Length from seating plane	H	18.5	±0.75
Tape width	W	18.0	±0.5
Adhesive tape width	W <sub>a</sub>	5.0	min.
Feeding hole off alignment	W <sub>o</sub>	±0.5	±0.5
Adhesive tape margin	W <sub>b</sub>	2.0	max.
Feeding hole diameter	φD	4.0	±0.2
Total tape thickness	t	0.7	±0.2
Taping code	Arms	AD	

### • DIMENSIONS

Unit : mm

J Code	50 (50)					63 (40)					100 (63)				
	T	W	H	P	φd	T	W	H	P	φd	T	W	H	P	φd
0.001											3.0	7.2	6.5	5.0	0.6
0.0015											3.0	7.2	6.5	5.0	0.6
0.0022											3.0	7.2	6.5	5.0	0.6
0.0033											3.0	7.2	6.5	5.0	0.6
0.0047											3.0	7.2	6.5	5.0	0.6
0.0068											3.0	7.2	6.5	5.0	0.6
0.01											3.0	7.2	6.5	5.0	0.6
0.015											3.0	7.2	6.5	5.0	0.6
0.022											3.0	7.2	6.5	5.0	0.6
0.033											3.0	7.2	6.5	5.0	0.6
0.047						3.0	7.2	6.5	5.0	0.6	3.0	7.2	6.5	5.0	0.6
0.068						3.0	7.2	6.5	5.0	0.6	3.5	7.2	7.5	5.0	0.6
0.1	3.0	7.2	6.5	5.0	0.6	3.0	7.2	6.5	5.0	0.6	3.5	7.2	7.5	5.0	0.6
0.15	3.0	7.2	6.5	5.0	0.6	3.0	7.2	6.5	5.0	0.6	4.5	7.2	9.5	5.0	0.6
0.22	3.0	7.2	6.5	5.0	0.6	3.5	7.2	7.5	5.0	0.6					
0.33	3.5	7.2	7.5	5.0	0.6	3.5	7.2	7.5	5.0	0.6					
0.47	4.5	7.2	9.5	5.0	0.6	5.0	7.2	10.0	5.0	0.6					
0.68	5.0	7.2	10.0	5.0	0.6	5.0	7.2	10.0	5.0	0.6					
1.0	6.0	7.2	11.0	5.0	0.6										