

TYPE
ESK

METALLIZED POLYESTER CAPACITOR

NON-INDUCTIVE, MINIATURE SIZE, FLAME RETARDANT ENCASED



FEATURES

- * Miniature size and light weight.
- * Available on tape for 5mm lead apacing for automatic insertion.

GENERAL SPECIFICATION

1. OPERATING TEMPERATURE:

-40°C to 85°C

2. VOLTAGE RANGE:

50/63, 100 and 250 VDC.

3. CAPACITANCE RANGE:

0.001 to 1.0 Mfd. for 63 VDC.

0.001 to 0.33 Mfd. for 100 VDC.

0.001 to 0.1 Mfd. for 250 VDC.

4. DIELECTRIC STRENGTH:

160% of rated voltage for 2 sec.

5. CAPACITANCE TOLERANCE:

±5%, ±10% and ±20%.

6. INSULATION RESISTANCE:

c < .33Mfd, $R \geq 15,000$ Meg. Ohm at 25°C.

c \geq .33Mfd, $RC \geq 5,000$ Meg. Ohm \times Mfd.

7. DISSIPATION FACTOR:

1.0% max. at 1KHz 25°C.



BREL International Components, Inc.
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VDC	50/63 VDC			100 VDC			250 VDC		
Mfd	L	T	H	L	T	H	L	T	H
0.0010	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.0015	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.0022	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.0033	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.0047	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.0068	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.010	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.015	7.5	2.5	6.5	7.5	2.5	6.5	7.5	2.5	6.5
0.022	7.5	2.5	6.5	7.5	2.5	6.5	7.5	3.5	8.0
0.033	7.5	2.5	6.5	7.5	2.5	6.5	7.5	3.5	8.0
0.047	7.5	2.5	6.5	7.5	2.5	6.5	7.5	5.0	9.5
0.068	7.5	2.5	6.5	7.5	2.5	6.5	7.5	5.0	9.5
0.10	7.5	2.5	6.5	7.5	2.5	6.5	7.5	6.0	12.0
0.15	7.5	3.5	8.0	7.5	5.0	8.0			
0.22	7.5	3.5	8.0	7.5	5.0	8.0			
0.33	7.5	3.5	8.0	7.5	5.0	8.0			
0.47	7.5	5.0	8.0						
0.68	7.5	6.0	10.0						
1.00	7.5	5.0	8.0						



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