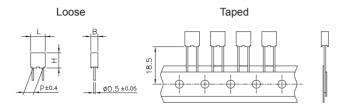
### **ARCOTRONICS**



All dimensions are in mm.

## RSB

MKT Series

# METALLIZED POLYESTER FILM CAPACITOR HIGH PERFORMANCES - HIGH TEMPERATURE D.C. AND PULSE APPLICATIONS

#### STACKED VERSION

**Typical applications:** blocking, coupling, decoupling for a signal from DC to high frequency; pulse, logic and timing circuit, lamp capacitor for electronic compact lamps, inverter for LCD monitors, automotive DC motor suppression.

PRODUCT CODE: RSB

p = 5mm

Pitch	Box thickness (B)	Maximum dimensions (mm)		
(mm)	(mm)	B max	H max	L max
5.0	<4.5	B +0.1	H +0.1	L +0.2
5.0	≥4.5	B +0.1	H +0.1	L +0.3

#### PRODUCT CODE SYSTEM

The part number, comprising 14 digits, is formed as follows:

1	2	3	4	5	6	7	8	9	10 11	12	13	14
R	S	В		С							-	

Digit 1 to 3 Series code.

Digit 4 d.c. rated voltage:

C = 50V D = 63V E = 100V I = 250V

M =400V W =500V P = 630V

Digit 5 Pitch: C = 5 mm

Digit 6 to 9 Digits 7 - 8 - 9 indicate the first three digits of

Capacitance value and the 6th digit indicates the number of zeros that must be added to obtain the Rated Capacitance in pF.

Digit 10 to 11 Mechanical version and/or packaging (table1)

Digit 12 Identifies the dimensions and electrical

characteristics.

Digit 13 Internal use

Digit 14 Capacitance tolerance:

J=5%; K=10%; M=20%.

Table 1 (for more detailed information, please refer to page 14).

Standard packaging style	Lead length	Ordering code
	(mm)	(Digit 10 to 11)
AMMO-PACK		DQ
Reel Ø 355 mm		CK
Loose, short leads	4 +1.5	AA
Loose, long leads	17+1/-2	Z3

#### **GENERAL TECHNICAL DATA**

**Dielectric:** polyester film (polyethylene terephthalate).

Plates: aluminium layer deposited by evaporation under

vacuum.

Winding: non-inductive type.

**Leads:** tinned wire.

**Protection:** plastic case, thermosetting resin filled.

Box material is solvent resistant and flame

retardant according to UL94.

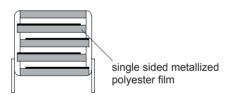
Marking: Series (RSB) capacitance, tolerance, D.C. rated

voltage.

Climatic category: 55/125/56 IEC 60068-1
Operating temperature range: -55 to +125°C

Related documents: IEC 60384-2

#### Winding scheme



33 05/2007