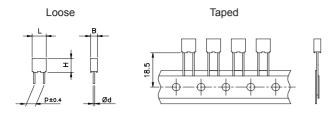
### ARCOTRONICS



All dimensions are in mm.

В	≤6	>6
Ød ±0.05	0.5	0.6

# **R82**

/IKT Series

## METALLIZED POLYESTER FILM CAPACITOR D.C. MULTIPURPOSE APPLICATIONS

**Typical applications:** by-passing, blocking, coupling, decoupling, timing, oscillator circuits.

For inverter applications please refer to RSB Series.

PRODUCT CODE: R82



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	8	2		С								-	

Digit 1 to 3 Series code.

Digit 4 d.c. rated voltage:

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

I =250V M=400V

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

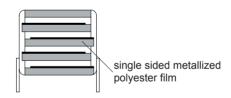
retardant.

Marking: Capacitance, tolerance, D.C. rated voltage.

Climatic category: 55/105/56 IEC 60068-1 Operating temperature range: -55 to +105°C

Related documents: IEC 60384-2

#### Winding scheme



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