



$\phi d \pm 0.05$	$p = 10$	$p > 10$	$p = 37.5$
	0.6	0.8	1.0

All dimensions are in mm.

PRODUCT CODE SYSTEM

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



- Digit 1 to 3 Series code.
- Digit 4 d.c. rated voltage:
D = 63V E = 100V G = 160V I = 250V
M = 400V P = 630V Q = 1000V
- Digit 5 Pitch:
F = 10mm; I = 15mm; N = 22.5mm; R = 27.5mm;
W = 37.5mm
- 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 (table 1)
- 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 (mm)	Taping style			Ordering code (Digit 10 to 11)
		P ₂ (mm)	Fig. (No.)	Pitch (mm)	
AMMO-PACK		12.70	1	10.0/15.0	DQ
AMMO-PACK		19.05	2	22.5	DQ
REEL Ø 355mm		12.70	1	10.0/15.0	GY
REEL Ø 500mm		12.70	1	10.0/15.0	CK
REEL Ø 500mm		19.05	2	22.5/27.5	CK
Loose, short leads	4 ⁺²				AA
Loose, long leads (p < 10mm)	17 ^{+1/-2}				Z3
Loose, long leads (p ≥ 15mm)	30 ⁺⁵ 25 ^{+2/-1}				40 50

Note: Ammo-pack is the preferred packaging for taped version.

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

Typical applications: blocking, coupling, decoupling, by-passing, interference suppression in low voltage applications (i.e.: AUTOMOTIVE).

PRODUCT CODE: R60

Note: Special version, in compliance with DIN 44122 is available upon request.

Construction:

- **STACKED technology for pitch 10mm**
(Rated Voltage from 63 to 630Vdc)
- **WOUND technology from pitch 10 to 27.5mm**
(Rated Voltage from 63 to 1000Vdc)

Pitch (mm)	Box thickness (B) (mm)	Maximum dimensions (mm)		
		B max	H max	L max
10.0	All	B + 0.2	H + 0.1	L + 0.2
15.0	< 7.5	B + 0.2	H + 0.1	L + 0.3
15.0	≥ 7.5	B + 0.2	H + 0.1	L + 0.5
22.5	All	B + 0.2	H + 0.1	L + 0.3
27.5	All	B + 0.2	H + 0.1	L + 0.3
37.5	All	B + 0.3	H + 0.1	L + 0.3

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 V0.
- Marking:** Manufacturer's logo, capacitance, tolerance, D.C. rated voltage.
- Climatic category:** 55/105/56 IEC 60068-1
- Operating temperature range:** -55 to +105°C
For stacked technology an upper operating temperature of +125°C is allowed for a max. operating time of 1000h.

Related documents: IEC 60384-2

Winding scheme

