



Ød±0.05	p = 7.5	p = 10	15 ≤ p ≤ 27.5	p = 37.5
	0.5	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:  
 G = 160V I = 250V M = 400V  
 P = 630V Q = 1000V R = 1250V  
 T = 1600V U = 2000V
- Digit 5 Pitch:  
 D = 7.5 mm; F = 10 mm; I = 15 mm;  
 N = 22.5 mm; 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 (0 to 9).
- Digit 13 Internal use.
- Digit 14 Capacitance tolerance:  
 J=5%; K=10%; M=20%

**HIGH PERFORMANCES**

**METALLIZED POLYPROPYLENE FILM CAPACITOR  
D.C. AND PULSE APPLICATIONS**

**Typical applications:** deflection circuits in TV-sets and monitors (S-correction), resonant capacitor in electronic ballast and compact lamp, power factor correction and coupling capacitor in SMPS, timing and oscillator circuits.

**PRODUCT CODE:** R75 (Digit 12: 0 to 9)

Pitch (mm)	Box thickness (mm)	Maximum dimensions (mm)		
		B max	H max	L max
7.5	All	B +0.1	H +0.1	L +0.2
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:** polypropylene film.
- Plates:** aluminium layer deposited by evaporation under vacuum.
- Winding:** non-inductive type.
- Leads:** for Ø ≥ 0.6mm: tinned wire  
for Ø = 0.5mm: tinned wire, low thermal conductivity.
- Protection:** plastic case, thermosetting resin filled. Box material is solvent resistant and flame retardant according to UL94 V0.
- Marking:** manufacturer's logo, series (R75), dielectric code (MKP), capacitance, tolerance, D.C. rated voltage, manufacturing date code.
- Climatic category:** 55/105/56 IEC 60068-1
- Operating temperature range:** -55 to +105°C
- Related documents:** IEC 60384-16

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

Standard packaging style	Lead length (mm)	Taping style			Ordering code (Digit 10 to 11)
		P <sub>2</sub> (mm)	Fig. (No.)	Pitch (mm)	
AMMO-PACK		6.35	1	7.5	DQ
AMMO-PACK		12.70	2	10.0/15.0	DQ
AMMO-PACK		19.05	3	22.5	DQ
REEL Ø 355mm		6.35	1	7.5	CK
REEL Ø 355mm		12.70	2	10.0/15.0	GY
REEL Ø 500mm		12.70	2	10.0/15.0	CK
REEL Ø 500mm		19.05	3	22.5/27.5	CK
Loose, short leads	4 <sup>+2</sup>				AA
Loose, long leads (p < 10mm)	17 <sup>+1/-2</sup>				Z3
Loose, long leads (p ≥ 15mm)	30 <sup>+5</sup>				40
	25 <sup>+2/-1</sup>				50

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