

Metalized Polyester Film Capacitors

NRM Series

EPOXY COATED, NON-INDUCTIVE, CAPACITORS,
RADIAL LEAD

FEATURES

- NON-INDUCTIVE CONSTRUCTION
- EPOXY RESIN COATED FOR EXCELLENT MOISTURE RESISTANCE
- HIGH STABILITY WITH FREQUENCY OVER AN EXTENDED OPERATING LIFE
- HIGH PERFORMANCE AT LOW COST
- LEAD FORMING AND CUT LEADS AVAILABLE
- METALLIZED CONSTRUCTION PROVIDE SELF HEALING CHARACTERISTICS



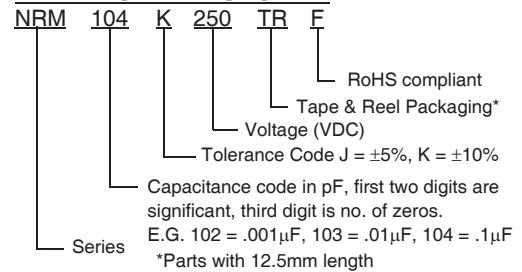
**RoHS
Compliant**
includes all homogeneous materials

SPECIFICATIONS

Operating Temperature	-40°C ~ +105°C
Rated Voltage (VDC)	100V, 250V, 400V, 630V
Capacitance Range	0.01μF ~ 6.8μF
Capacitance Tolerance	±10% (K), ±5% (J)
Insulation Resistance	C < 0.33μF IR ≥ 15,000 Megohm C ≥ .33μF IR ≥ 5,000 Megohm
Dissipation Factor	<0.01 (at 1KHz)
Dielectric Strength	150% of Rated Voltage for 5 Seconds

*See Part Number System for Details

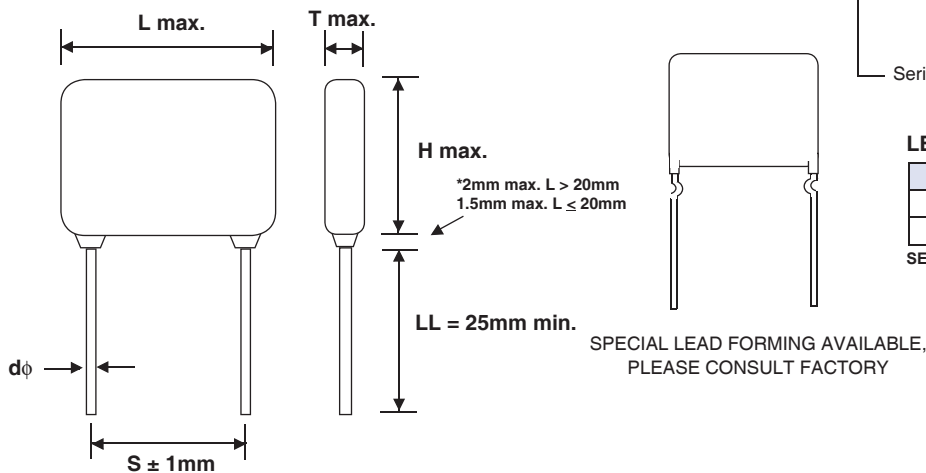
PART NUMBER SYSTEM



LEAD SPACING (BULK) AND DIAMETER (mm)

L	12.5	18.0	26.0	31.0
S	10.0	15.0	22.5	27.5
dφ	0.6	0.8	0.8	0.8

SEE TAPING SPECIFICATION FOR PARTS ON TAPE



STANDARD PRODUCTS AND CASE SIZE TABLE (mm)

Cap. (μF)	100VDC/63VAC			250VDC/160VAC			400VDC/200VAC			630VDC/220VAC		
	L	T	H	L	T	H	L	T	H	L	T	H
0.01	-	-	-	12.5	5.0	9.5	12.5	5.0	9.5	12.5	5.0	9.5
0.015	-	-	-	12.5	5.0	9.5	12.5	5.0	9.5	12.5	5.0	9.5
0.022	-	-	-	12.5	5.0	9.5	12.5	5.0	9.5	12.5	7.0	10.5
0.033	12.5	5.0	9.5	12.5	5.0	9.5	12.5	5.5	10.5	18.0	6.0	11.0
0.047	12.5	5.0	9.5	12.5	5.0	9.5	12.5	6.0	10.5	18.0	6.5	11.5
0.068	12.5	5.0	9.5	12.5	5.0	9.5	18.0	6.0	10.5	18.0	7.0	13.0
0.1	12.5	5.0	9.5	12.5	5.5	10.0	18.0	6.5	11.5	26.0	7.0	13.0
0.15	12.5	5.0	10.0	12.5	6.5	10.5	26.0*	6.0*	12.5*	26.0	8.5	14.0
0.22	12.5	5.5	10.0	18.0	6.5	11.5	26.0*	7.0*	15.0*	26.0	10.0	16.5
0.33	12.5	6.5	10.5	18.0	7.0	12.5	26.0	8.5	15.5	31.0	10.5	17.5
0.47	18.0	6.5	11.5	26.0	7.0	12.5	26.0	9.5	18.0	31.0	12.0	19.5
0.68	18.0	6.5	12.0	26.0	8.0	14.5	26.0	12.0	18.5	31.0	15.0	22.5
1.0	18.0	7.5	14.0	26.0	10.5	17.5	31.0	12.0	20.0	31.0	19.0	27.0
1.5	26.0	7.5	14.5	26.0	10.5	18.0	31.0	13.5	23.5	-	-	-
2.2	26.0	9.0	16.0	31.0	12.5	19.0	31.0	16.5	26.0	-	-	-
3.3	26.0	11.0	19.0	31.0	14.0	23.0	-	-	-	-	-	-
4.7	31.0	12.0	23.0	31.0	16.5	27.0	-	-	-	-	-	-
6.8	31.0	14.0	25.0	-	-	-	-	-	-	-	-	-

*REDUCED SIZE 18mmx 8.5mm x15mm ALSO AVAILABLE.



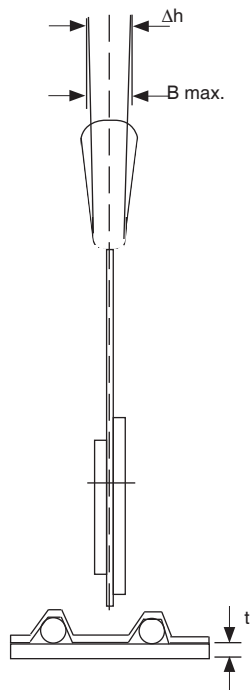
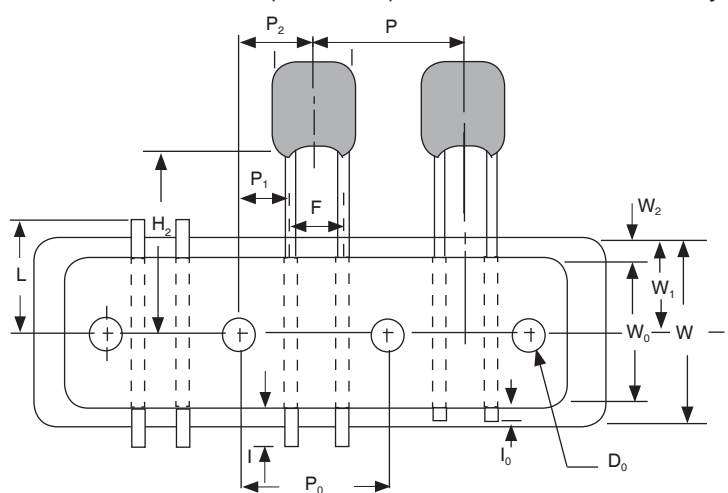
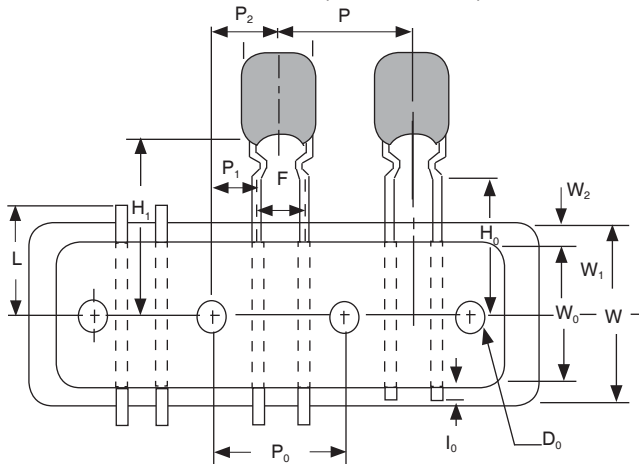
NIC COMPONENTS CORP. www.niccomp.com | www.lowESR.com | www.RFpassives.com | www.SMTmagnetics.com

Specifications are subject to change

TAPE & REEL FOR RADIAL LEAD CAPACITOR REFER TO EIA STANDARD RS-468

CRIMPED LEAD TAPING (STANDARD)

STRAIGHT LEAD TAPING (SPECIAL) Contact NIC for Availability.*



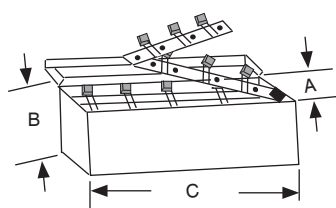
***NOTE:** STANDARD LEAD SPACING ON TAPED PARTS IS 5MM. SPECIAL 7.5MM, 10MM AND 15MM LEAD SPACING MAY BE AVAILABLE UPON SPECIAL REQUEST.

TO SPECIFIC:

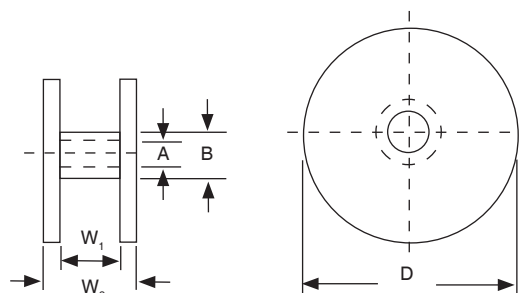
LEAD SPACING	P/N SUFFIX
5MM	TR
7.5MM	TR (7.5MMLS)
10MM	TR (10MMLS)

Dimensions MM (inch)		
P	12.7 ± 1.0	(0.5 ± 0.0394)
P ₀	12.7 ± 0.2	(0.5 ± 0.008)
P ₂	6.35 ± 1.3	(.025 ± 0.051)
P ₁	3.85 ± 0.5	(0.152 ± 0.020)
F*	5.0 ± 0.8	(0.197 ± 0.0315)
Δh	0 ± 2.0	(0 ± 0.0787)
W	18.0 ± 0.5	(0.709 ± 0.020)
W ₁	9.0 ± 0.5	(0.354 ± 0.020)
H ₁	20.0 ± 0.75	(0.787 ± 0.030)
H ₂	18.0 ± 0.5	(0.709 ± 0.020)
H ₀	16.0 ± 0.5	(0.630 ± 0.020)
I	2.0 max.	(0.079 max.)
I ₀	7.0 max.	(0.276 max.)
φD ₀	4.0 ± 0.2	(0.157 ± 0.008)
W ₀	12.5 min.	(0.492 min.)
t	0.7 ± 0.2	(0.028 ± 0.008)
W ₂	3.0 max.	(0.118 max.)
L	11.0 max.	(0.433 max.)

AMMO BOX PACKING TB (TAPE BOX)



REEL PACKING TR (TAPE/REEL)



A - 15mm
B - 80mm
D - 370mm

W₁ - 45mm
W₂ - 55mm

