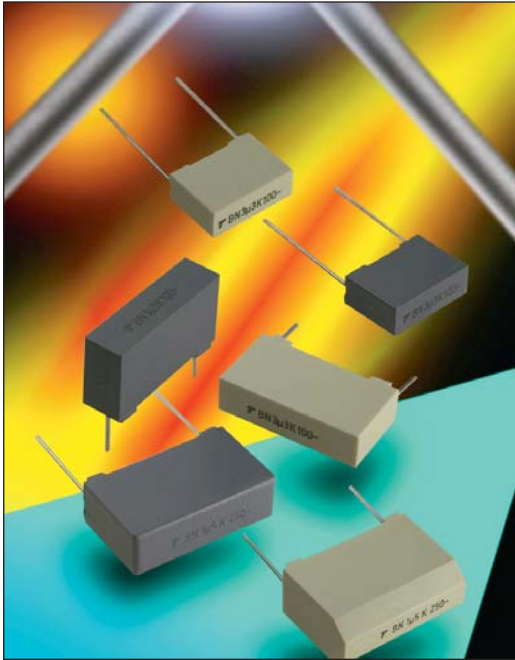




Schematic Cross Section



APPLICATIONS

- Commodity Product:
 - Decoupling with AC or pulse components
 - High current uses (TV deflection coils)
 - Capacitive dividers
 - Energy saving lamps, etc.

TECHNOLOGY

- Dielectric: Polyester film
- Stacked-film for pitch 7.5, 10 & 15mm (63Vdc...400Vdc)
Wound capacitor for pitch 7.5 & 10 & 15mm (630Vdc/1000Vdc)
for pitch 22.5 & 27.5mm (63Vdc/1000Vdc)
- Leads: Radial tinned copper wire
- Protection: Plastic case (UL94: V-O) / Polyurethane resin
- Marking: Logo
Type
Nominal Capacitance
Tolerance (EIA)
DC Nominal Voltage
Example: **T BN 47n J 400**
- Delivery Mode: Bulk
Taped (reel)

PERFORMANCE CHARACTERISTICS

Climatic Category:	55/125/56 Performance Class 2				
Capacitance Range:	C_R 1 nF to 22 μ F (E6)				
Tolerances on C_R :	$\pm 5\%$, $\pm 10\%$, $\pm 20\%$ (other values on request)				
Nominal Voltages:	V_{R-} 63/100/250/400/630/1000 V V_{R-} 40/63/115/200/220/450 V				
Category Voltage:	$V_c = U_n$ at 100°C & 0.5 U_n at 125°C				
Test Voltage:	$V_e = 1.6 U_{ndc}/2$ s at 20°C				
Total Self Inductance (L):	For lead length = 2mm				
Pitch (mm)	7.5	10	15	22.5	27.5
L (nH)	8	9	10	18	18

Tangent of Loss Angle at 1 kHz:	D.F. $\leq 100.10^{-4}$ for $C > 0.1\mu F$ $\leq 80.10^{-4}$ for $C \leq 0.1\mu F$
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Insulation Resistance:	$IR \geq 3.75 G\Omega$ for $C \leq 0.33\mu F$ $IR (M\Omega) * C(\mu F) \geq 1250$ s for $C > 0.33\mu F$ measures at 10V for $U_n=63V_{dc}$ and 100V for other
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dv/dt: (V/ μ sec)

V_{R-}	63	100	250	400	630	1000
(dv/dt) _R max pitch: 7.5mm	60	75	120	300	440	
(dv/dt) _R max pitch: 10mm	30	40	50	110	112	800
(dv/dt) _R max pitch: 15mm	23	27	34	79	102	400
(dv/dt) _R max pitch: 22.5mm	8	9	14	25	25	380
(dv/dt) _R max pitch: 27.5mm	5	5	6	8	15	340

Thermal Resistance: R_{th} hot spot/ambient (°C/W)

Pitch (mm)	7.5mm				10mm			15mm			22.5mm			27.5mm					
Case	1	2	C	D	E0	4	5	6	9	10	11	12	13	16	P0	18	19	26	R68
Rth (stacked)	201	147		117	140	124	90	88	61	82									
Rth (wound)	201	147		117	140	124	90	123	86	75	64	53	48	42	40	33	30	27	23

STANDARDIZATION

Generic specifications:

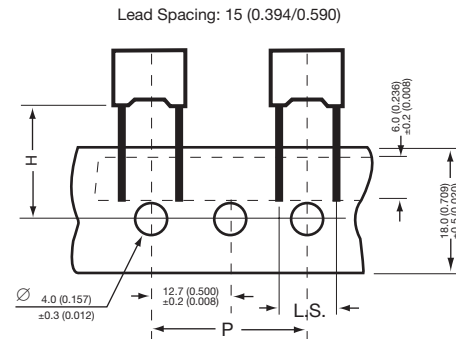
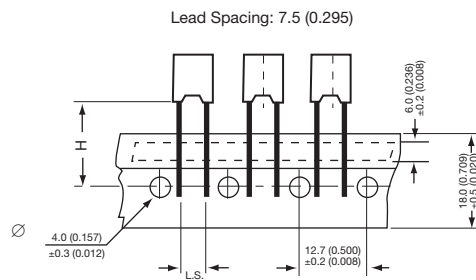
CEI 384-1/CECC 30000/UTE 83100

Sectional specifications:

CEI 384-2/CECC 30400/UTE 83151

PACKAGING

• Reel



Adhesive tape ▲

(Other sizes according to standard CEI : 286-2)
Dimensions: millimeters (inches)

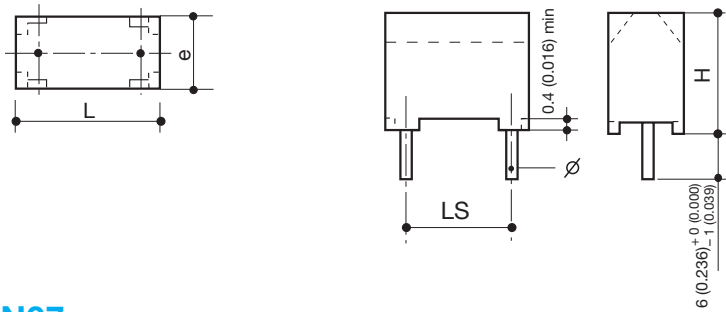
Taping Suffix EN			
Lead Spacing Tol ±0.4 (0.016)			
	7.5 (0.295)	10 (0.394)	15 (0.590)
P	12.7 ±1 (0.5 ±0.039)	25.4 ±1 (1.0 ±0.039)	
H	16.5 ±0.3 (0.650 ±0.012)	16 +1.5/-0.5 (0.600 +0.059/-0.020)	

• Bulk

Suffix	- -	LG	KB	KC	KE	KH	KK	K3	K7
Leads Length	6mm +0/-1	3.2mm ±0.4	3.5mm ±0.5	4mm ±0.5	5mm ±0.5	9mm ±0.5	15mm ±0.5	20mm ±1	25mm ±1

Standard Suffix: - -
Special MOQ for these special suffix

Pitch = 7.5mm



BN07

Pitch mm	Ordering Code	Vr-/Vr~	Cr	Case	Dimensions (mm)			MOQ		Ø +10% -0.5 mm	I ² t (A ² .sec)	I _{rms} (A)
					L max	H max	e max	Reel	Bulk ⁽¹⁾			
7.5	BN074D0683+-	63/40	68nF	1	9.3	8.2	3.3	8000	12,000	0.6	8.33 x 10 ⁻⁴	0.357
7.5	BN074D0104+-		100nF	1	9.3	8.2	3.3	8000	12,000	0.6	1.41 x 10 ⁻³	0.48
7.5	BN074D0224+-		220nF	1	9.3	8.2	3.3	8000	12,000	0.6	2.79 x 10 ⁻³	0.53
7.5	BN074D0334+-		330nF	1	9.3	8.2	3.3	8000	12,000	0.6	3.63 x 10 ⁻³	0.64
7.5	BN074D0474+-		470nF	1	9.3	8.2	3.3	8000	12,000	0.6	5.11 x 10 ⁻³	0.84
7.5	BN074D0684+-		680nF	2	10.1	10.2	5.2	10,000	14,000	0.6	1.54 x 10 ⁻²	1.33
7.5	BN074D0105+-		1µF	2	10.1	10.2	5.2	10,000	14,000	0.6	2.78 x 10 ⁻²	1.77
7.5	BN074D0225+-		2.2µF	D	10.1	12.2	6.2	8000	8000	0.6	1.12 x 10 ⁻¹	4
7.5	BN074E0333+-	100/63	33nF	1	9.3	8.2	3.3	8000	12,000	0.6	4.52 x 10 ⁻⁴	0.21
7.5	BN074E0473+-		47nF	1	9.3	8.2	3.3	8000	12,000	0.6	6.12 x 10 ⁻⁴	0.29
7.5	BN074E0104+-		100nF	1	9.3	8.2	3.3	8000	12,000	0.6	1.41 x 10 ⁻³	0.48
7.5	BN074E0224+-		220nF	1	9.3	8.2	3.3	8000	12,000	0.6	2.79 x 10 ⁻³	0.53
7.5	BN074E0334+-		330nF	2	10.1	10.2	5.2	10,000	14,000	0.6	7.85 x 10 ⁻³	1.00
7.5	BN074E0474+-		470nF	2	10.1	10.2	5.2	10,000	14,000	0.6	1.27 x 10 ⁻²	1.16
7.5	BN074E0684+-		680nF	C	10.1	11.2	5.2	10,000	12,000	0.6	2.23 x 10 ⁻²	1.48
7.5	BN074E0105+-		1µF	D	10.1	12.2	6.2	8000	8000	0.6	4.61 x 10 ⁻²	2.18
7.5	BN074G0472+-	250/115	4.7nF	1	9.3	8.2	3.3	8000	12,000	0.6	6.88 x 10 ⁻⁵	0.05
7.5	BN074G0682+-		6.8nF	1	9.3	8.2	3.3	8000	12,000	0.6	9.61 x 10 ⁻⁴	0.08
7.5	BN074G0103+-		10nF	1	9.3	8.2	3.3	8000	12,000	0.6	2.45 x 10 ⁻⁴	0.14
7.5	BN074G0223+-		22nF	1	9.3	8.2	3.3	8000	12,000	0.6	3.62 x 10 ⁻⁴	0.19
7.5	BN074G0333+-		33nF	1	9.3	8.2	3.3	8000	12,000	0.6	4.52 x 10 ⁻⁴	0.21
7.5	BN074G0473+-		47nF	1	9.3	8.2	3.3	8000	12,000	0.6	6.11 x 10 ⁻⁴	0.29
7.5	BN074G0104+-		100nF	2	10.1	10.2	5.2	10,000	14,000	0.6	1.85 x 10 ⁻³	0.53
7.5	BN074G0224+-		220nF	D	10.1	12.2	6.2	8000	8000	0.6	8.93 x 10 ⁻³	1.53
7.5	BN074I0102+-	400/200	1nF	1	9.3	8.2	3.3	8000	12,000	0.6	1.10 x 10 ⁻⁵	0.02
7.5	BN074I0222+-		2.2nF	1	9.3	8.2	3.3	8000	12,000	0.6	3.63 x 10 ⁻⁵	0.03
7.5	BN074I0332+-		3.3nF	1	9.3	8.2	3.3	8000	12,000	0.6	5.09 x 10 ⁻⁵	0.04
7.5	BN074I0472+-		4.7nF	1	9.3	8.2	3.3	8000	12,000	0.6	6.88 x 10 ⁻⁵	0.05
7.5	BN074I0103+-		10nF	1	9.3	8.2	3.3	8000	12,000	0.6	2.45 x 10 ⁻⁴	0.14
7.5	BN074I0223+-		22nF	1	9.3	8.2	3.3	8000	12,000	0.6	3.62 x 10 ⁻⁴	0.19
7.5	BN074I0333+-		33nF	2	10.1	10.2	5.2	10,000	14,000	0.6	1.44 x 10 ⁻³	0.38
7.5	BN074I0473+-		47nF	2	10.1	10.2	5.2	10,000	14,000	0.6	1.65 x 10 ⁻³	0.40
7.5	BN074I0683+-	630/220	68nF	C	10.1	11.2	5.2	10,000	12,000	0.6	3.46 x 10 ⁻³	0.59
7.5	BN074I0823+-		82nF	D	10.1	12.2	6.2	8000	8000	0.6	5.03 x 10 ⁻³	0.71
7.5	BN074K0102+-		1nF	1	9.3	8.2	3.3	8000	12,000	0.6	9.0 x 10 ⁻⁷	0.027
7.5	BN074K0152+-		1.5nF	1	9.3	8.2	3.3	8000	12,000	0.6	2.0 x 10 ⁻⁶	0.027
7.5	BN074K0222+-		2.2nF	1	9.3	8.2	3.3	8000	12,000	0.6	2.3 x 10 ⁻⁶	0.027
7.5	BN074K0332+-		3.3nF	1	9.3	8.2	3.3	8000	12,000	0.6	2.5 x 10 ⁻⁶	0.027
7.5	BN074K0472+-		4.7nF	1	9.3	8.2	3.3	8000	12,000	0.6	5.7 x 10 ⁻⁶	0.027
7.5	BN074K0682+-		6.8nF	2	10.1	10.2	5.2	10,000	14,000	0.6	1.2 x 10 ⁻⁵	0.14
7.5	BN074K0103+-		10nF	2	10.1	10.2	5.2	10,000	14,000	0.6	2.6 x 10 ⁻⁵	0.14
7.5	BN074K0153+-		15nF	C	10.1	11.2	5.2	10,000	12,000	0.6	5.8 x 10 ⁻⁵	0.22
7.5	BN074K0223+-		22nF	D	10.1	12.2	6.2	8000	8000	0.6	1.2 x 10 ⁻⁴	0.34
7.5	BN074K0273+-		27nF	D	10.1	12.2	6.2	8000	8000	0.6	1.8 x 10 ⁻⁴	0.34

Replace the + by the tolerance code: J=5% - K=10% - M=20%

Replace the - - by the packaging suffix: - - = standard bulk - EN = taping on reel etc

⁽¹⁾: MOQ for standard bulk suffix - -

Pitch = 10mm

BN10

Pitch mm	Ordering Code	Vr-/Vr~	Cr	Case	Dimensions (mm)			MOQ		$\varnothing$ +10% -0.5 mm	I ² t (A ² .sec)	I _{rms} (A)
					L max	H max	e max	Reel	Bulk ⁽¹⁾			
10	BN104D0224+-	63/40	220nF	E0	12.7	9.2	4.2	6800	14,000	0.6	2.20×10^{-3}	0.71
10	BN104D0334+-		330nF	E0	12.7	9.2	4.2	6800	14,000	0.6	3.54×10^{-3}	0.73
10	BN104D0474+-		470nF	E0	12.7	9.2	4.2	6800	14,000	0.6	5.74×10^{-3}	0.765
10	BN104D0684+-		680nF	E0	12.7	9.2	4.2	6800	14,000	0.6	6.84×10^{-3}	0.837
10	BN104D0105+-		1 μ F	E0	12.7	9.2	4.2	6800	14,000	0.6	1.11×10^{-2}	1.23
10	BN104D0155+-		1.5 μ F	4	12.7	10.2	5.2	5600	10,000	0.6	2.50×10^{-2}	1.83
10	BN104D0225+-		2.2 μ F	5	12.7	13.6	5.2	5600	8000	0.6	5.37×10^{-2}	2.685
10	BN104E0683+-	100/63	68nF	E0	12.7	9.2	4.2	6800	14,000	0.6	8.74×10^{-4}	0.32
10	BN104E0104+-		100nF	E0	12.7	9.2	4.2	6800	14,000	0.6	1.33×10^{-3}	0.40
10	BN104E0154+-		150nF	E0	12.7	9.2	4.2	6800	14,000	0.6	1.47×10^{-3}	0.667
10	BN104E0224+-		220nF	E0	12.7	9.2	4.2	6800	14,000	0.6	2.20×10^{-3}	0.71
10	BN104E0334+-		330nF	E0	12.7	9.2	4.2	6800	14,000	0.6	3.54×10^{-3}	0.73
10	BN104E0474+-		470nF	E0	12.7	9.2	4.2	6800	14,000	0.6	5.74×10^{-3}	0.765
10	BN104E0684+-		680nF	4	12.7	10.2	5.2	5600	10,000	0.6	1.20×10^{-2}	1.107
10	BN104E0105+-		1000nF	5	12.7	13.6	5.2	5600	8000	0.6	2.60×10^{-2}	1.629
10	BN104G0333+-	250/115	33nF	E0	12.7	9.2	4.2	6800	14,000	0.6	4.86×10^{-4}	0.21
10	BN104G0473+-		47nF	E0	12.7	9.2	4.2	6800	14,000	0.6	6.01×10^{-4}	0.26
10	BN104G0683+-		68nF	E0	12.7	9.2	4.2	6800	14,000	0.6	8.74×10^{-4}	0.32
10	BN104G0104+-		100nF	E0	12.7	9.2	4.2	6800	14,000	0.6	1.33×10^{-3}	0.4
10	BN104G0154+-		150nF	E0	12.7	9.2	4.2	6800	14,000	0.6	1.47×10^{-3}	0.5
10	BN104G0224+-		220nF	4	12.7	10.2	5.2	5600	10,000	0.6	3.16×10^{-3}	0.73
10	BN104G0334+-		330nF	4	12.7	10.2	5.2	5600	10,000	0.6	7.11×10^{-3}	1.1
10	BN104G0474+-		470nF	5	12.7	13.6	5.2	5600	8000	0.6	1.44×10^{-2}	1.57
10	BN104I0472+-	400/200	4.7nF	E0	12.7	9.2	4.2	6800	14,000	0.6	6.03×10^{-5}	0.043
10	BN104I0682+-		6.8nF	E0	12.7	9.2	4.2	6800	14,000	0.6	9.96×10^{-5}	0.07
10	BN104I0103+-		10nF	E0	12.7	9.2	4.2	6800	14,000	0.6	1.13×10^{-4}	0.088
10	BN104I0153+-		15nF	E0	12.7	9.2	4.2	6800	14,000	0.6	1.70×10^{-4}	0.129
10	BN104I0223+-		22nF	E0	12.7	9.2	4.2	6800	14,000	0.6	3.31×10^{-4}	0.157
10	BN104I0333+-		33nF	E0	12.7	9.2	4.2	6800	14,000	0.6	4.66×10^{-4}	0.213
10	BN104I0473+-		47nF	E0	12.7	9.2	4.2	6800	14,000	0.6	6.01×10^{-4}	0.26
10	BN104I0683+-	630/220	68nF	4	12.7	10.2	5.2	5600	10,000	0.6	1.26×10^{-3}	0.35
10	BN104I0104+-		100nF	5	12.7	13.6	5.2	5600	8000	0.6	2.72×10^{-3}	0.52
10	BN104K0472+-		4.7nF	E0	12.7	9.2	4.2	6800	14,000	0.6	2.16×10^{-5}	0.05
10	BN104K0682+-	1000/450	6.8nF	E0	12.7	9.2	4.2	6800	14,000	0.6	4.53×10^{-5}	0.07
10	BN104K0103+-		10nF	E0	12.7	9.2	4.2	6800	14,000	0.6	9.74×10^{-5}	0.08
10	BN104K0153+-		15nF	E0	12.7	9.2	4.2	6800	14,000	0.6	2.20×10^{-4}	0.10
10	BN104K0223+-		22nF	4	12.7	10.2	5.2	5600	10,000	0.6	4.74×10^{-4}	0.14
10	BN104K0333+-		33nF	4	12.7	10.2	5.2	5600	10,000	0.6	7.41×10^{-4}	0.18
10	BN104K0473+-		47nF	5	12.7	13.6	5.2	5600	8000	0.6	9.16×10^{-4}	0.24
10	BN104L0102+-		1nF	E0	12.7	9.2	4.2	6800	14,000	0.6	1.8×10^{-5}	0.05
10	BN104L0152+-	1000/450	1.5nF	E0	12.7	9.2	4.2	6800	14,000	0.6	4.00×10^{-5}	0.05
10	BN104L0222+-		2.2nF	E0	12.7	9.2	4.2	6800	14,000	0.6	7.00×10^{-5}	0.08
10	BN104L0332+-		3.3nF	4	12.7	10.2	5.2	5600	10,000	0.6	1.24×10^{-4}	0.14
10	BN104L0472+-		4.7nF	5	12.7	13.6	5.2	5600	8000	0.6	2.51×10^{-4}	0.22
10	BN104L0682+-		6.8nF	5	12.7	13.6	5.2	5600	8000	0.6	5.26×10^{-4}	0.26

Replace the + by the tolerance code: J=5% - K=10% - M=20%

Replace the - - by the packaging suffix: - - = standard bulk - EN = taping on reel etc

⁽¹⁾: MOQ for standard bulk suffix - -

Pitch = 15mm

BN15

Pitch mm	Ordering Code	Vr-/Vr~	Cr	Case	Dimensions (mm)			MOQ		$\varnothing$ +10% -0.5 mm	I ² t (A ² .sec)	I _{rms} (A)
					L max	H max	e max	Reel	Bulk ⁽¹⁾			
15	BN154D0684+-	63/40	680nF	6	17.7	10.6	5.2	4000	6000	0.8	1.22×10^{-2}	0.83
15	BN154D0105+-		1 μ F	6	17.7	10.6	5.2	4000	6000	0.8	2.12×10^{-2}	0.96
15	BN154D0155+-		1.5 μ F	6	17.7	10.6	5.2	4000	6000	0.8	3.60×10^{-2}	1.43
15	BN154D0225+-		2.2 μ F	6	17.7	10.6	5.2	4000	6000	0.8	4.38×10^{-2}	1.783
15	BN154D0335+-		3.3 μ F	10	17.7	12.2	6.2	4000	6000	0.8	9.86×10^{-2}	2.674
15	BN154D0475+-		4.7 μ F	9	17.7	14.6	8.7	2500	8000	0.8	4.19×10^{-1}	3.808
15	BN154D0685+-		6.8 μ F	9	17.7	14.6	8.7	2500	8000	0.8	2.00×10^{-1}	5.50
15	BN154D0825+-		8.2 μ F	9	17.7	14.6	8.7	2500	8000	0.8	6.09×10^{-1}	6.200
15	BN154E0154+-	100/63	150nF	6	17.7	10.6	5.2	4000	6000	0.8	4.35×10^{-3}	0.43
15	BN154E0224+-		220nF	6	17.7	10.6	5.2	4000	6000	0.8	5.53×10^{-3}	0.64
15	BN154E0334+-		330nF	6	17.7	10.6	5.2	4000	6000	0.8	1.13×10^{-2}	0.72
15	BN154E0474+-		470nF	6	17.7	10.6	5.2	4000	6000	0.8	1.33×10^{-2}	0.96
15	BN154E0105+-		1 μ F	6	17.7	10.6	5.2	4000	6000	0.8	1.71×10^{-2}	0.96
15	BN154E0155+-		1.5 μ F	6	17.7	10.6	5.2	4000	6000	0.8	3.60×10^{-2}	1.43
15	BN154E0225+-		2.2 μ F	10	17.7	12.2	6.2	4000	6000	0.8	8.20×10^{-2}	2.111
15	BN154E0335+-		3.3 μ F	9	17.7	14.6	8.7	2500	8000	0.8	1.85×10^{-1}	3.168
15	BN154E0475+-		4.7 μ F	9	17.7	14.6	8.7	2500	8000	0.8	3.74×10^{-1}	4.51
15	BN154G0104+-	250/115	100nF	6	17.7	10.6	5.2	4000	6000	0.8	2.58×10^{-3}	0.38
15	BN154G0154+-		150nF	6	17.7	10.6	5.2	4000	6000	0.8	4.35×10^{-3}	0.43
15	BN154G0224+-		220nF	6	17.7	10.6	5.2	4000	6000	0.8	5.57×10^{-3}	0.64
15	BN154G0334+-		330nF	6	17.7	10.6	5.2	4000	6000	0.8	7.51×10^{-3}	0.72
15	BN154G0474+-		470nF	6	17.7	10.6	5.2	4000	6000	0.8	1.17×10^{-2}	1.024
15	BN154G0684+-		680nF	10	17.7	12.2	6.2	4000	6000	0.8	2.44×10^{-2}	1.483
15	BN154G0105+-		1 μ F	9	17.7	14.6	8.7	2500	8000	0.8	5.28×10^{-2}	2.178
15	BN154G0155+-		1.5 μ F	9	17.7	14.6	8.7	2500	8000	0.8	1.19×10^{-1}	3.267
15	BN154I0473+-	400/200	47nF	6	17.7	10.6	5.2	4000	6000	0.8	1.19×10^{-3}	0.191
15	BN154I0683+-		68nF	6	17.7	10.6	5.2	4000	6000	0.8	1.59×10^{-3}	0.28
15	BN154I0104+-		100nF	6	17.7	10.6	5.2	4000	6000	0.8	2.58×10^{-3}	0.38
15	BN154I0154+-		150nF	6	17.7	10.6	5.2	4000	6000	0.8	4.35×10^{-3}	0.43
15	BN154I0224+-		220nF	10	17.7	12.2	6.2	4000	6000	0.8	9.37×10^{-3}	0.70
15	BN154I0334+-		330nF	9	17.7	14.6	8.7	2500	8000	0.8	2.11×10^{-2}	1.05
15	BN154I0474+-		470nF	9	17.7	14.6	8.7	2500	8000	0.8	4.27×10^{-2}	1.50
15	BN154K0333+-	630/220	33nF	6	17.7	10.6	5.2	4000	6000	0.8	4.90×10^{-4}	0.14
15	BN154K0473+-		47nF	6	17.7	10.6	5.2	4000	6000	0.8	8.73×10^{-4}	0.20
15	BN154K0683+-		68nF	10	17.7	12.2	6.2	4000	6000	0.8	4.11×10^{-3}	0.32
15	BN154K0104+-		100nF	10	17.7	12.2	6.2	4000	6000	0.8	4.50×10^{-3}	0.46
15	BN154K0154+-		150nF	9	17.7	14.6	8.7	2500	8000	0.8	1.00×10^{-2}	0.70
15	BN154L0682+-	1000/450	6.8nF	6	17.7	10.6	5.2	4000	6000	0.8	1.11×10^{-4}	0.14
15	BN154L0103+-		10nF	6	17.7	10.6	5.2	4000	6000	0.8	2.41×10^{-4}	0.22
15	BN154L0223+-		22nF	9	17.7	14.6	8.7	2500	6000	0.8	1.17×10^{-3}	0.60
15	BN154L0333+-		33nF	9	17.7	14.6	8.7	2500	8000	0.8	2.62×10^{-3}	0.76

Replace the + by the tolerance code: J=5% - K=10% - M=20%

Replace the - - by the packaging suffix: - - = standard bulk - EN = taping on reel etc

⁽¹⁾: MOQ for standard bulk suffix - -

BN22

Pitch = 22.5mm

Pitch mm	Ordering Code	Vr-/Vr~	Cr	Case	Dimensions (mm)			MOQ		Ø +10% -0.5 mm	I ² t (A ² .sec)	Irms (A)
					L max	H max	e max	Reel	Bulk ⁽¹⁾			
22.5	BN224D0685+-	63/40	6.8µF	11	26.7	15.2	7.7		1600	0.8	1.39 x 10 ⁻¹	2.09
22.5	BN224D0106+-		10µF	12	26.7	17.6	7.7		1600	0.8	3.01 x 10 ⁻¹	3.07
22.5	BN224D0156+-		15µF	13	26.7	19.6	10.2		1200	0.8	6.77 x 10 ⁻¹	4.6
22.5	BN224E0225+-	100/63	2.2µF	11	26.7	15.2	7.7		1600	0.8	2.59 x 10 ⁻²	1.08
22.5	BN224E0335+-		3.3µF	11	26.7	15.2	7.7		1600	0.8	5.82 x 10 ⁻²	1.60
22.5	BN224E0475+-		4.7µF	11	26.7	15.2	7.7		1600	0.8	1.18 x 10 ⁻¹	2.30
22.5	BN224E0685+-		6.8µF	13	26.7	19.6	10.2		1200	0.8	2.47 x 10 ⁻¹	3.30
22.5	BN224E0825+-		8.2µF	13	26.7	19.6	10.2		1200	0.8	3.59 x 10 ⁻¹	4.00
22.5	BN224G0105+-	250/115	1µF	11	26.7	15.2	7.7		1600	0.8	1.64 x 10 ⁻²	1.14
22.5	BN224G0155+-		1.5µF	11	26.7	15.2	7.7		1600	0.8	3.68 x 10 ⁻²	1.71
22.5	BN224G0225+-		2.2µF	12	26.7	17.6	7.7		1600	0.8	7.92 x 10 ⁻¹	2.50
22.5	BN224G0335+-		3.3µF	13	26.7	19.6	10.2		1200	0.8	1.78 x 10 ⁻¹	3.74
22.5	BN224I0334+-	400/200	330nF	11	26.7	15.2	7.7		1600	0.8	3.64 x 10 ⁻³	0.383
22.5	BN224I0474+-		470nF	11	26.7	15.2	7.7		1600	0.8	7.38 x 10 ⁻³	0.54
22.5	BN224I0684+-		680nF	11	26.7	15.2	7.7		1600	0.8	1.54 x 10 ⁻²	0.80
22.5	BN224I0105+-		1µF	12	26.7	17.6	7.7		1600	0.8	3.34 x 10 ⁻²	1.16
22.5	BN224I0155+-		1.5µF	13	26.7	19.6	10.2		1200	0.8	7.52 x 10 ⁻²	1.75
22.5	BN224K0154+-	630/220	150nF	11	26.7	15.2	7.7		1600	0.8	2.17 x 10 ⁻³	0.38
22.5	BN224K0224+-		220nF	11	26.7	15.2	7.7		1600	0.8	4.66 x 10 ⁻³	0.54
22.5	BN224K0334+-		330nF	12	26.7	17.6	7.7		1600	0.8	1.05 x 10 ⁻²	0.74
22.5	BN224K0474+-		470nF	13	26.7	19.6	10.2		1200	0.8	2.13 x 10 ⁻²	1.18
22.5	BN224K0564+-		560nF	13	26.7	19.6	10.2		1200	0.8	3.02 x 10 ⁻²	1.40
22.5	BN224L0333+-	1000/450	33nF	11	26.7	15.2	7.7		1600	0.8	2.64 x 10 ⁻³	0.28
22.5	BN224L0473+-		47nF	11	26.7	15.2	7.7		1600	0.8	5.35 x 10 ⁻³	0.40
22.5	BN224L0683+-		68nF	12	26.7	17.6	7.7		1600	0.8	1.12 x 10 ⁻²	0.60
22.5	BN224L0104+-		100nF	13	26.7	19.6	10.2		1200	0.8	2.42 x 10 ⁻²	0.86
22.5	BN224L0124+-		120nF	13	26.7	19.6	10.2		1200	0.8	3.49 x 10 ⁻²	1.00

Replace the + by the tolerance code : J=5% - K=10% - M=20%

Replace the - - by the packaging suffix : - - = standard bulk - EN = taping on reel etc

⁽¹⁾: MOQ for standard bulk suffix - -

BN27

Pitch = 27.5mm

Pitch mm	Ordering Code	Vr-/Vr~	Cr	Case	Dimensions (mm)			MOQ		Ø +10% -0.5 mm	I ² t (A ² .sec)	Irms (A)
					L max	H max	e max	Reel	Bulk ⁽¹⁾			
27.5	BN274D0156+-	63/40	15µF	16	31.7	19.6	10.2		960	0.8	4.07 x 10 ⁻¹	3.57
27.5	BN274D0206+-		20µF	16	31.7	19.6	10.2		960	0.8	7.24 x 10 ⁻¹	4.80
27.5	BN274E0825+-	100/63	8.2µF	16	31.7	19.6	10.2		960	0.8	2.16 x 10 ⁻¹	3.12
27.5	BN274E0106+-		10µF	16	31.7	19.6	10.2		960	0.8	3.22 x 10 ⁻¹	3.80
27.5	BN274E0126+-		12µF	16	31.7	19.6	10.2		960	0.8	4.63 x 10 ⁻¹	4.56
27.5	BN274G0335+-	250/115	3.3µF	16	31.7	19.6	10.2		960	0.8	1.07 x 10 ⁻¹	2.9
27.5	BN274G0395+-		3.9µF	16	31.7	19.6	10.2		960	0.8	1.50 x 10 ⁻¹	3.42
27.5	BN274G0475+-		4.7µF	P0	31.7	22.6	13.7		1600	0.8	2.18 x 10 ⁻¹	4.17
27.5	BN274G0685+-		6.8µF	P0	31.7	22.6	13.7		1600	0.8	4.56 x 10 ⁻¹	6.00
27.5	BN274G0106+-		10µF	18	31.7	26.2	15.2		1280	0.8	9.85 x 10 ⁻¹	6.20
27.5	BN274G0156+-		15µF	26	31.7	31.6	21.2		448	0.8	2.77	6.20
27.5	BN274G0226+-		22µF *	R68	32	37	22		384	0.8	5.96	6.20
27.5	BN274I0155+-		1.5µF	16	31.7	19.6	10.2		960	0.8	4.52 x 10 ⁻²	1.43
27.5	BN274I0225+-		2.2µF	P0	31.7	22.6	13.7		1600	0.8	9.73 x 10 ⁻²	1.98
27.5	BN274I0335+-		3.3µF	P0	31.7	22.6	13.7		1600	0.8	2.19 x 10 ⁻¹	2.98
27.5	BN274I0475+-	400/200	4.7µF	18	31.7	26.2	15.2		1280	0.8	4.44 x 10 ⁻¹	4.23
27.5	BN274I0685+-		6.8µF	19	31.7	30.2	17.7		1040	0.8	9.30 x 10 ⁻¹	6.10
27.5	BN274I0106+-		10µF *	R68	32	37	22		384	0.8	2.01	6.20
27.5	BN274K0564+-		560nF	16	31.7	19.6	10.2		960	0.8	1.77 x 10 ⁻²	1.61
27.5	BN274K0684+-	630/220	680nF	16	31.7	19.6	10.2		960	0.8	2.61 x 10 ⁻²	1.70
27.5	BN274K0105+-		1µF	P0	31.7	22.6	13.7		1600	0.8	5.69 x 10 ⁻²	1.90
27.5	BN274K0225+-		2.2µF	19	31.7	30.2	17.7		1040	0.8	2.73 x 10 ⁻¹	4.20
27.5	BN274K0335+-		3.3µF *	R68	32	37	22		384	0.8	6.14 x 10 ⁻¹	6.20
27.5	BN274K0435+-		4.3µF *	R68	32	37	22		384	0.8	1.04	6.20
27.5	BN274L0124+-	1000/450	120nF	16	31.7	19.6	10.2		960	0.8	1.82 x 10 ⁻²	0.76
27.5	BN274L0224+-		220nF	P0	31.7	22.6	13.7		1600	0.8	6.12 x 10 ⁻²	1.38
27.5	BN274L0334+-		330nF	18	31.7	26.2	15.2		1280	0.8	1.38 x 10 ⁻¹	2.08
27.5	BN274L0474+-		470nF	19	31.7	30.2	17.7		1040	0.8	2.79 x 10 ⁻¹	2.96
27.5	BN274L0684+-		680nF	26	31.7	31.6	21.2		448	0.8	5.85 x 10 ⁻¹	4.28
27.5	BN274L0914+-		910nF *	R68	32	37	22		384	0.8	1.05	5.72

*only available standard bulk: no special lead length

Replace the + by the tolerance code: J=5% - K=10% - M=20%

Replace the - - by the packaging suffix: - - = standard bulk - EN = taping on reel etc

For values bigger -> see FFB range

⁽¹⁾: MOQ for standard bulk suffix - -