

Interference Suppression Capacitor

NPYT Series

MOLDED BOX CONSTRUCTION, SUPPRESSION CAPACITOR, RADIAL LEAD

FEATURES

- Self-Healing Construction
- Y2 Class Safety Capacitors
- High VAC Rating: 250/275/300VAC
- High Withstanding Voltage; 2000VAC or 4000VDC
- Safety Agency Listed: UL, cUL, ENEC, CQC
- IEC 60068-1 Climatic category 40/110/56

Expanded Voltage Range

**HIGH VOLTAGE
Y2 250/275/300VAC
Safety Capacitors**



SPECIFICATIONS (CLASS Y2)

Operating Temperature		-40°C ~ +110°C
Rated Voltage		250/275/300VAC
Capacitance Range		0.001μF ~ 0.1μF
Capacitance Tolerance		±5% (J), ±10% (K), ±20% (M)
Insulation Resistance (min.)		> 15,000Megohm @ 100V after 60 sec.
Dissipation Factor		< 0.1% max. @ 1KHz/20°C
IEC 60068-1 Climatic category (Damp heat, steady state)		40/110/56 Temp. +40°C ± 2°C with relative humidity (RH): 93% ±2% for 56 days
Dielectric Strength	Between Terminals	2,000VAC for 2 sec. or 4,000VDC for 2 sec.
	Between Terminals & Enclosure	2,100 VAC for 5 sec. max.

SAFETY AGENCY APPROVALS

Agency	Standard	Capacitance Values	Voltages	Certificate Number
UL/cUL	UL60384-14 CSAE60384-14	0.001μF ~ 0.1μF	250/275/300VAC	E209251
ENEC	EN60384-14 : 2005 (ed.3)		250/275/300VAC	SE/12059-1A
CQC	IEC60384-14 : 2005		250/275/300VAC	CQC13001099626

DV/DT RATINGS

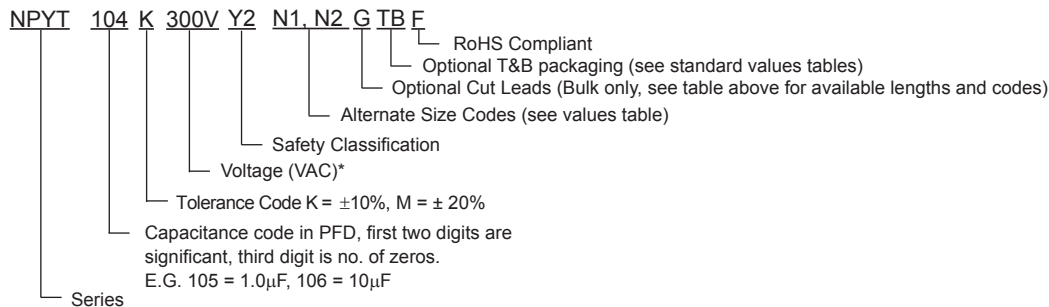
Lead-Space (mm)	7.5	10	15	22.5	27.5
DV/DT (V/μS)	1000	800	600	500	400

CUT LEAD CODES (BULK PARTS ONLY)

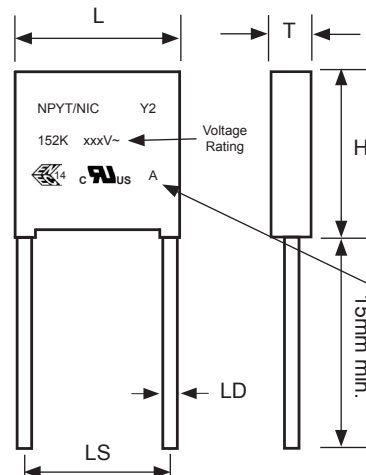
Lead Length*	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Code	A	B	C	D	E	G	H	J	K	L	M

* Lead length ±0.5mm

PART NUMBER SYSTEM

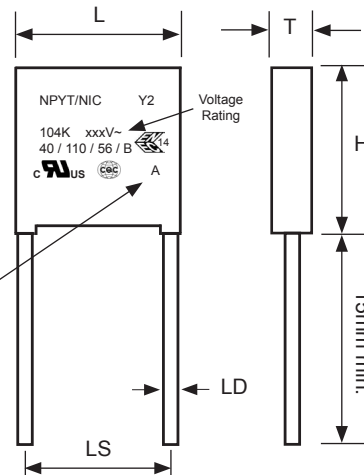


Lead-space = 7.5mm



MARKING

Lead-space ≥ 10mm



See date code marking guide on page 5.



250VAC STANDARD VALUES AND CASE SIZE (mm)

Part Number	Cap. Value (μF)	Capacitance Code	Standard Tolerance*	L ±1.0	H ±1.0	T ±1.0	LS ±1.0	LD ±0.05	Packaging Quantity	
									Bulk	T&B
NPYT102K250VY2N1F	0.001	102	±10% (K)	10.0	9.0	4.0	7.5	0.6	1,000	1,300
NPYT102K250VY2N2F	0.001	102	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT102K250VY2N3F	0.001	102	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT152K250VY2N1F	0.0015	152	±10% (K)	10.0	9.0	4.0	7.5	0.6	1,000	1,300
NPYT152K250VY2N2F	0.0015	152	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT152K250VY2N3F	0.0015	152	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT222K250VY2N1F	0.0022	222	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT222K250VY2N2F	0.0022	222	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT222K250VY2N3F	0.0022	222	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT272K250VY2N1F	0.0027	272	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT272K250VY2N2F	0.0027	272	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT272K250VY2N3F	0.0027	272	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT332K250VY2N1F	0.0033	332	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT332K250VY2N2F	0.0033	332	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT332K250VY2N3F	0.0033	332	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT392K250VY2N1F	0.0039	392	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT392K250VY2N2F	0.0039	392	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT392K250VY2N3F	0.0039	392	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT472K250VY2N1F	0.0047	472	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT472K250VY2N2F	0.0047	472	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT472K250VY2N3F	0.0047	472	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT562K250VY2N1F	0.0056	562	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT562K250VY2N2F	0.0056	562	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT562K250VY2N3F	0.0056	562	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT682K250VY2N1F	0.0068	682	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT682K250VY2N2F	0.0068	682	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT822K250VY2N1F	0.0082	822	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT822K250VY2N2F	0.0082	822	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT103K250VY2N1F	0.01	103	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT103K250VY2N2F	0.01	103	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT123K250VY2N1F	0.012	123	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT123K250VY2N2F	0.012	123	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT153K250VY2N1F	0.015	153	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	450
NPYT153K250VY2N2F	0.015	153	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT183K250VY2N1F	0.018	183	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT223K250VY2N1F	0.022	223	±10% (K)	17.0	11.0	5.5	15.0	0.6	500	450
NPYT253K250VY2N1F	0.025	253	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT273K250VY2N1F	0.027	273	±10% (K)	17.0	11.0	5.5	15.0	0.6	500	450
NPYT273K250VY2N1F	0.027	273	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT333K250VY2N1F	0.033	333	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT473K250VY2N1F	0.047	473	±10% (K)	18.0	13.5	6.0	15.0	0.6	500	400
NPYT473K250VY2N2F	0.047	473	±10% (K)	25.0	14.5	6.0	22.5	0.8	200	N/A
NPYT563K250VY2N1F	0.056	563	±10% (K)	17.0	15.5	7.5	15.0	0.8	500	300
NPYT683K250VY2N1F	0.068	683	±10% (K)	17.0	15.5	7.5	15.0	0.8	500	300
NPYT823K250VY2N1F	0.082	823	±10% (K)	17.0	16.5	9.5	15.0	0.8	400	250
NPYT104K250VY2N1F	0.1	104	±10% (K)	17.0	16.5	9.5	15.0	0.8	400	250
NPYT104K250VY2N2F	0.1	104	±10% (K)	26.5	16.5	7.0	22.5	0.8	200	N/A
NPYT104K250VY2N3F	0.1	104	±10% (K)	31.5	16.5	7.5	27.5	0.8	100	N/A

*Also available in ±5% (J) and ±20% (M) tolerance.

275VAC STANDARD VALUES AND CASE SIZE (mm)

Part Number	Cap. Value (μF)	Capacitance Code	Standard Tolerance*	L ±1.0	H ±1.0	T ±1.0	LS ±1.0	LD ±0.05	Packaging Quantity	
									Bulk	T&B
NPYT102K275VY2N1F	0.001	102	±10% (K)	10.0	9.0	4.0	7.5	0.6	1,000	1,300
NPYT102K275VY2N2F	0.001	102	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT102K275VY2N3F	0.001	102	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT152K275VY2N1F	0.0015	152	±10% (K)	10.0	9.0	4.0	7.5	0.6	1,000	1,300
NPYT152K275VY2N2F	0.0015	152	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT152K275VY2N3F	0.0015	152	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT222K275VY2N1F	0.0022	222	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT222K275VY2N2F	0.0022	222	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT222K275VY2N3F	0.0022	222	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT272K275VY2N1F	0.0027	272	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT272K275VY2N2F	0.0027	272	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT272K275VY2N3F	0.0027	272	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT332K275VY2N1F	0.0033	332	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT332K275VY2N2F	0.0033	332	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT332K275VY2N3F	0.0033	332	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT392K275VY2N1F	0.0039	392	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT392K275VY2N2F	0.0039	392	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT392K275VY2N3F	0.0039	392	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT472K275VY2N1F	0.0047	472	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT472K275VY2N2F	0.0047	472	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT472K275VY2N3F	0.0047	472	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT562K275VY2N1F	0.0056	562	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT562K275VY2N2F	0.0056	562	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT562K275VY2N3F	0.0056	562	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT682K275VY2N1F	0.0068	682	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT682K275VY2N2F	0.0068	682	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT822K275VY2N1F	0.0082	822	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT822K275VY2N2F	0.0082	822	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT103K275VY2N1F	0.01	103	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT103K275VY2N2F	0.01	103	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT123K275VY2N1F	0.012	123	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT123K275VY2N2F	0.012	123	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT153K275VY2N1F	0.015	153	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	450
NPYT153K275VY2N2F	0.015	153	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT183K275VY2N1F	0.018	183	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT223K275VY2N1F	0.022	223	±10% (K)	17.0	11.0	5.5	15.0	0.6	500	450
NPYT253K275VY2N1F	0.025	253	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT273K275VY2N1F	0.027	273	±10% (K)	17.0	11.0	5.5	15.0	0.6	500	450
NPYT273K275VY2N1F	0.027	273	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT333K275VY2N1F	0.033	333	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT473K275VY2N1F	0.047	473	±10% (K)	18.0	13.5	6.0	15.0	0.6	500	400
NPYT473K275VY2N2F	0.047	473	±10% (K)	25.0	14.5	6.0	22.5	0.8	200	N/A
NPYT563K275VY2N1F	0.056	563	±10% (K)	17.0	15.5	7.5	15.0	0.8	500	300
NPYT683K275VY2N1F	0.068	683	±10% (K)	17.0	15.5	7.5	15.0	0.8	500	300
NPYT823K275VY2N1F	0.082	823	±10% (K)	17.0	16.5	9.5	15.0	0.8	400	250
NPYT104K275VY2N1F	0.1	104	±10% (K)	17.0	16.5	9.5	15.0	0.8	400	250
NPYT104K275VY2N2F	0.1	104	±10% (K)	26.5	16.5	7.0	22.5	0.8	200	N/A
NPYT104K275VY2N3F	0.1	104	±10% (K)	31.5	16.5	7.5	27.5	0.8	100	N/A

*Also available in ±5% (J) and ±20% (M) tolerance.

STANDARD VALUES AND CASE SIZE (mm)

Part Number	Cap. Value (μF)	Capacitance Code	Standard Tolerance*	L ±1.0	H ±1.0	T ±1.0	LS ±1.0	LD ±0.05	Packaging Quantity	
									Bulk	T&B
NPYT102K300VY2N1F	0.001	102	±10% (K)	10.0	9.0	4.0	7.5	0.6	1,000	1,300
NPYT102K300VY2N2F	0.001	102	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT102K300VY2N3F	0.001	102	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT152K300VY2N1F	0.0015	152	±10% (K)	10.0	9.0	4.0	7.5	0.6	1,000	1,300
NPYT152K300VY2N2F	0.0015	152	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT152K300VY2N3F	0.0015	152	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT222K300VY2N1F	0.0022	222	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT222K300VY2N2F	0.0022	222	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT222K300VY2N3F	0.0022	222	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT272K300VY2N1F	0.0027	272	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT272K300VY2N2F	0.0027	272	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT272K300VY2N3F	0.0027	272	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT332K300VY2N1F	0.0033	332	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT332K300VY2N2F	0.0033	332	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT332K300VY2N3F	0.0033	332	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT392K300VY2N1F	0.0039	392	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT392K300VY2N2F	0.0039	392	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT392K300VY2N3F	0.0039	392	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT472K300VY2N1F	0.0047	472	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT472K300VY2N2F	0.0047	472	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT472K300VY2N3F	0.0047	472	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT562K300VY2N1F	0.0056	562	±10% (K)	10.5	11.0	5.0	7.5	0.6	1,000	1,000
NPYT562K300VY2N2F	0.0056	562	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	500
NPYT562K300VY2N3F	0.0056	562	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT682K300VY2N1F	0.0068	682	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT682K300VY2N2F	0.0068	682	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT822K300VY2N1F	0.0082	822	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT822K300VY2N2F	0.0082	822	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT103K300VY2N1F	0.01	103	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT103K300VY2N2F	0.01	103	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT123K300VY2N1F	0.012	123	±10% (K)	13.0	12.0	6.0	10.0	0.6	500	450
NPYT123K300VY2N2F	0.012	123	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT153K300VY2N1F	0.015	153	±10% (K)	13.0	11.0	5.0	10.0	0.6	500	450
NPYT153K300VY2N2F	0.015	153	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT183K300VY2N1F	0.018	183	±10% (K)	18.0	11.0	5.0	15.0	0.6	500	450
NPYT223K300VY2N1F	0.022	223	±10% (K)	17.0	11.0	5.5	15.0	0.6	500	450
NPYT253K300VY2N1F	0.025	253	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT273K300VY2N1F	0.027	273	±10% (K)	17.0	11.0	5.5	15.0	0.6	500	450
NPYT273K300VY2N1F	0.027	273	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT333K300VY2N1F	0.033	333	±10% (K)	18.0	12.0	6.0	15.0	0.6	500	400
NPYT473K300VY2N1F	0.047	473	±10% (K)	18.0	13.5	6.0	15.0	0.6	500	400
NPYT473K300VY2N2F	0.047	473	±10% (K)	25.0	14.5	6.0	22.5	0.8	200	N/A
NPYT563K300VY2N1F	0.056	563	±10% (K)	17.0	15.5	7.5	15.0	0.8	500	300
NPYT683K300VY2N1F	0.068	683	±10% (K)	17.0	15.5	7.5	15.0	0.8	500	300
NPYT823K300VY2N1F	0.082	823	±10% (K)	17.0	16.5	9.5	15.0	0.8	400	250
NPYT104K300VY2N1F	0.1	104	±10% (K)	17.0	16.5	9.5	15.0	0.8	400	250
NPYT104K300VY2N2F	0.1	104	±10% (K)	26.5	16.5	7.0	22.5	0.8	200	N/A
NPYT104K300VY2N3F	0.1	104	±10% (K)	31.5	16.5	7.5	27.5	0.8	100	N/A

*Also available in ±5% (J) and ±20% (M) tolerance.



ENVIRONMENTAL CHARACTERISTICS

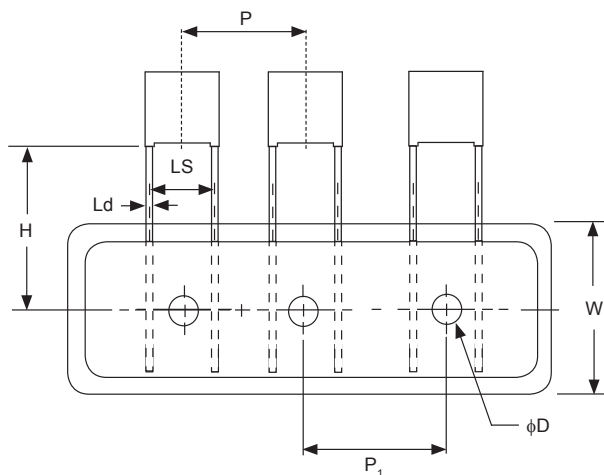
Item	Test Method	Standard
Endurance	+110°C±2°C, 170% of RV for 1,000 hours (Voltage applied through 47Ω ± 5% resistor, every hour voltage is increased to 1,000Vrms for 0.1 seconds).	Physical: No remarkable physical Capacitance: Within ±10% of initial measured value DF: 0.8% max. IR ≥ 50% of specified value
Moisture Resistance	+40°C±2°C, Rated Voltage, 87% ~ 93% RH, 500 hours. (Part stabilized at room temperature for 1.5 ± 0.5 hours before taking measurements)	Physical: No remarkable physical Capacitance: Within ±5% of initial measured value DF: ≤ 0.2%, IR ≥ 50% of specified value
Temperature Cycling	A total of 5 cycles. Each cycle includes: 1. +20 ± 2°C for 3 minutes 2. -40 ± 3°C for 30 minutes 3. +20 ± 2°C for 3 minutes 4. +110 ± 3°C for 30 minutes 5. +20 ± 2°C for 3 minutes After test allow parts to stabilized at room temperature for 1.5 ± 0.5 hours before taking measurements.	Physical: No remarkable physical Capacitance: Within ±5% of initial measured value DF: ≤ 0.2%, IR ≥ 50% of specified value
Resistance to Dry Heat	+110 ± 2°C for 16 +1/-0 hours	Physical: No remarkable physical Capacitance: Within ±5% of initial measured value DF: ≤ 0.2%, IR ≥ 50% of specified value
Resistance to Cold	-40°C ± 3°C for 2 hours ± 1 hours	Physical: No remarkable physical Capacitance: Within ±5% of initial measured value DF: ≤ 0.2%, IR ≥ 50% of specified value
Resistance to Soldering Heat	Preheat: +100°C ~ +120°C (60 seconds max). Ramp-up rate: 3°C per second max. Peak soldering temperature: +260 ± 5°C for 5 seconds max. Immersion depth: 4.8mm max from base of component (Part stabilized at room temperature for 1.5 ± 0.5 hours before taking measurements)	Physical: No remarkable physical Capacitance: Within ±5% of initial measured value DF: ≤ 0.2%, IR ≥ 50% of specified value
Vibration	Frequency: 10-55-10Hz Magnitude: 1.5mm in X, Y and Z directions Duration: 2 +1/-0 hours in each direction	No short/open circuit and stable connection
Terminal Strength	Apply 1.0Kg of force for 10 ± 1 seconds to the terminal in the axial direction away from the body of the part.	No abnormalities
Bending Strength	Apply 0.5Kg of force for 2 cycles. Each cycle includes 90° once, return to original position for 2 ~ 3 seconds and then bend in the opposite direction.	No abnormalities

DATE CODE MARKING

Year	Month	Code	Year	Month	Code	Year	Month	Code	Year	Month	Code
2016	Jan.	n	2017	Jan.	A	2018	Jan.	N	2019	Jan.	a
	Feb.	p		Feb.	B		Feb.	P		Feb.	b
	Mar.	q		Mar.	C		Mar.	Q		Mar.	c
	Apr.	r		Apr.	D		Apr.	R		Apr.	d
	May.	s		May.	E		May.	S		May.	e
	Jun.	t		Jun.	F		Jun.	T		Jun.	f
	Jul.	u		Jul.	G		Jul.	U		Jul.	g
	Aug.	v		Aug.	H		Aug.	V		Aug.	h
	Sept.	w		Sept.	J		Sept.	W		Sept.	j
	Oct.	x		Oct.	K		Oct.	X		Oct.	k
	Nov.	y		Nov.	L		Nov.	Y		Nov.	l
	Dec.	z		Dec.	M		Dec.	Z		Dec.	m

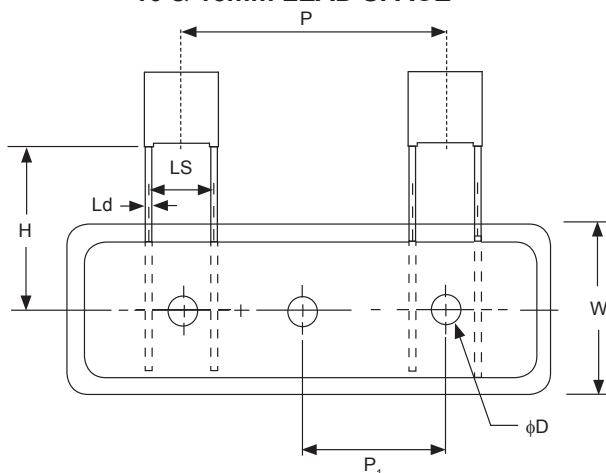
AMMO PACK (TB) TAPING DIMENSIONS 7.5mm LEAD SPACE

Item	Dimension (mm)
H	18.5 ± 1.0
Ld	0.60 ± 0.1
LS	7.5 ± 1.0
P	12.7 ± 1.5
P ₁	12.7 ± 0.3
W	18.0 ± 1.0
φD ₁	4.0 ± 0.3



AMMO PACK (TB) TAPING DIMENSIONS 10 & 15mm LEAD SPACE

Item	Dimension (mm)	
H	18.5 ± 1.0	
Ld	0.60 ± 0.1	0.60/0.80 ± 0.1
LS	10.0 ± 1.0	15.0 ± 1.0
P	25.4 ± 1.5	
P ₁	12.7 ± 0.3	
W	18.0 ± 1.0	
φD ₁	4.0 ± 0.3	



AMMO PACK BOX DIMENSIONS

Item	Dimension (mm)
A	270
B	50
C	330

