

TEMPERATURE COMPENSATING CERAMIC CAPACITORS

NEGATIVE TEMPERATURE COEFFICIENT (NTC) RADIAL LEADED

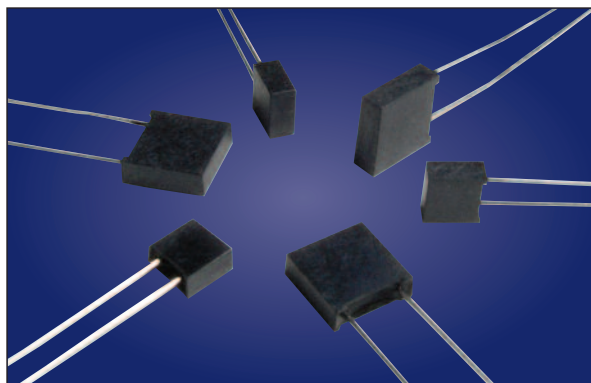
SPECIFICATIONS

MECHANICAL:

Case DAP or molded high temperature Vectra
Leads Solder coated copper clad steel is standard; other types available

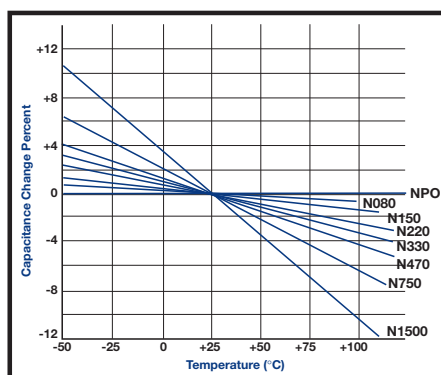
ELECTRICAL:

Capacitance 1 MHz @ 25°C
Dissipation Factor < .20% @1MHz @ 25°C
Insulation Resistance > 7500 Megohms @ 25°C
 > 1000 Megohms @ 125°C



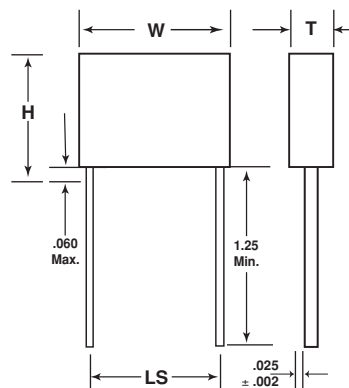
TEMPERATURE COEFFICIENTS

Dielectric Type	Negative Value PPM/°C	Tolerance in PPM/°C
NPO	0	± 30
N800T	N80	± 40
N151T	N150	± 40
N221T	N220	± 50
N331T	N330	± 50
N471T	N470	± 60
N751T	N750	± 100
N152T	N1500	± 250
N222T	N2200	± 250



SIZE TABLE

Case Code	Length (L) Max	Width (W) Max	Thickness (T) Max	Lead Space (LS) ± .030	Lead Diam. (LD) ± .002
RL15	.155	.155	.105	.100	.020
RL20	.200	.200	.100	.100	.020
RL30	.300	.300	.100	.200	.020



MAXIMUM CAPACITANCE RANGE*

Case	50V	100V	200V
RL15	2,200 pF	560 pF	220 pF
RL20	4,700 pF	1,200 pF	470 pF
RL30	12,000 pF	3,900 pF	1,000 pF

* Valid for any listed temperature coefficient

HOW TO ORDER

RL20	N151T	221	J	2	B	100
CASE CODE	DIELECTRIC TYPE	CAPACITANCE (IN PICO FARADS)	TOLERANCE	VOLTAGE	CASE	LEAD SPACING (LS)
RL15 RL20 RL30	NPO N331T N800T N471T N151T N751T N221T N152T	Two significant figures followed by the number of zeros Example: 103 = 10,000 pF = .01µF	F = 1% (NPO only) G = 2% (NPO only) J = ± 5%	2 = 50 V (STD) 3 = 100 V 4 = 200 V For other values contact factory.	Molded Box	.100 .200

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