

TEMPERATURE COMPENSATING CERAMIC CAPACITORS

NEGATIVE TEMPERATURE COEFFICIENT (NTC) RADIAL LEADED

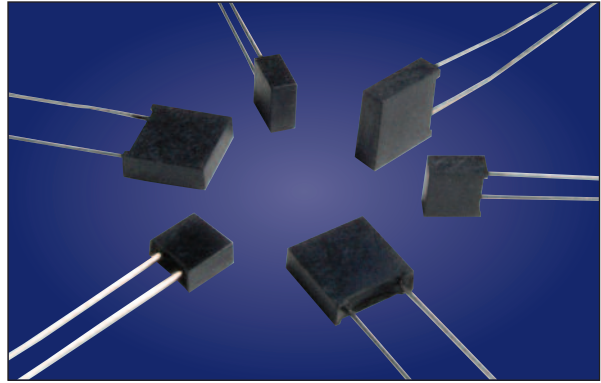
SPECIFICATIONS

MECHANICAL:

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

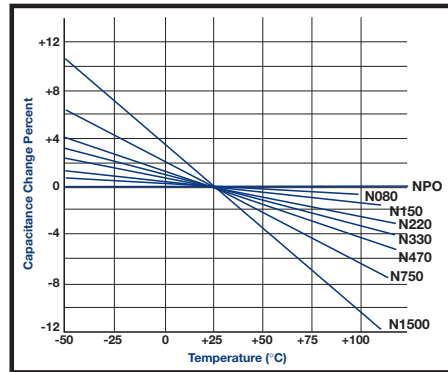
ELECTRICAL:

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



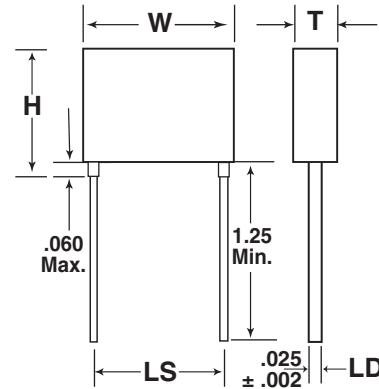
TEMPERATURE COEFFICIENTS

Dielectric Type	Negative Value PPM/°C	Tolerance in PPM/°C
NPO	0	Per EIA -198
N800T	-80	Per EIA -198
N151T	-150	Per EIA -198
N221T	-220	Per EIA -198
N331T	-330	Per EIA -198
N471T	-470	Per EIA -198
N751T	-750	Per EIA -198
N152T	-1500	Per EIA -198
N222T	-2200	Per EIA -198



SIZE TABLE

Case Code	Height (H) 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 PICOFARADS)	TOLERANCE	VOLTAGE	CASE	LEAD SPACING (LS)
RL15 RL20 RL30	NPO N331T N800T N471T N151T N751T N221T N152T N222T	Two significant figures followed by the number of zeros Example: 221 = 220 pF	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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