

TEMPERATURE COMPENSATING CERAMIC CAPACITORS

NEGATIVE TEMPERATURE COEFFICIENT (NTC) RADIAL LEADED

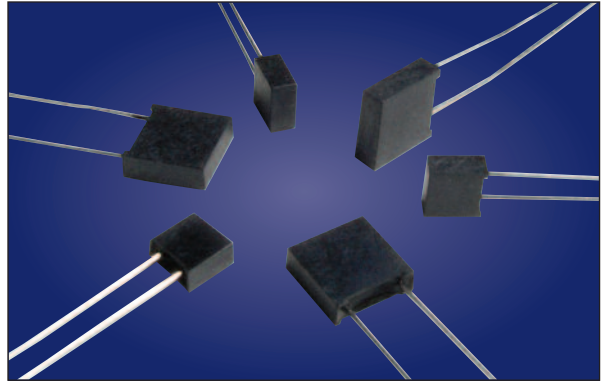
SPECIFICATIONS

MECHANICAL:

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

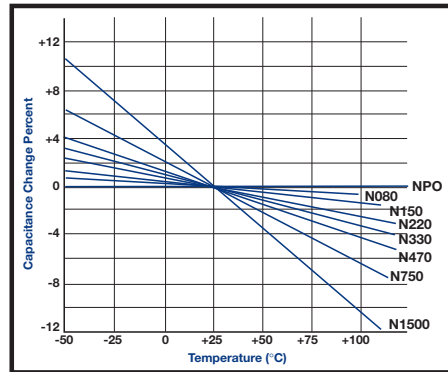
ELECTRICAL:

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



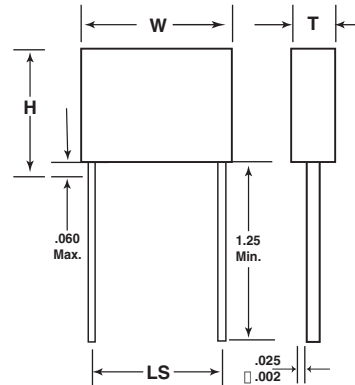
TEMPERATURE COEFFICIENTS

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	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

CASE CODE	DIELECTRIC TYPE	CAPACITANCE (IN PICOFARADS)	TOLERANCE	VOLTAGE	CASE	LEAD SPACING (LS)
RL20	N151T	221	J	2	B	100
RL15 RL20 RL30	NPO N331T N800T N471T N151T N751T N221T N152T N222T	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

 **PRESIDIO COMPONENTS, INC.**

17169 Construction Court, San Diego, CA 92121 • Tel: 858-578-9390 • Fax: 858-578-6225

www.presidiocomponents.com • info@presidiocomponents.com