

HIGH TEMPERATURE HIGH VOLTAGE RADIAL LEADED CAPACITORS (RT)

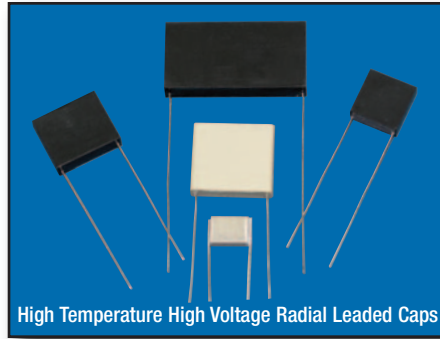
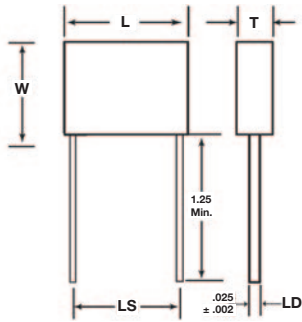
X7R, XHT and NPO DIELECTRIC

Consult Factory for Requirements Above 250°C

SPECIFICATIONS

MECHANICAL:

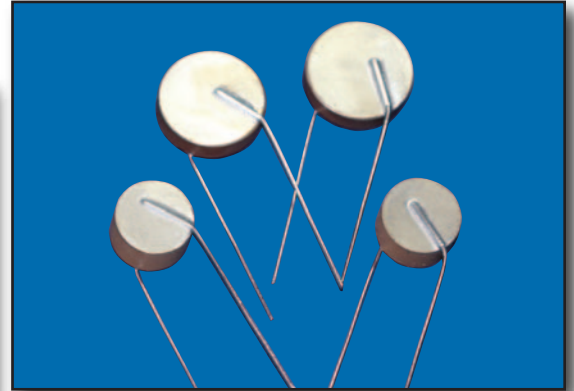
Case: DAP up to 220°C Code B
 PEEK up to 240°C Code P
 Uncoated up to 250°C Code U
 Leads: Solder coated copper clad steel is standard;
 other types available



High Temperature High Voltage Radial Leaded Caps

ALSO AVAILABLE

High Temperature High Voltage Disc Capacitors
 Call Factory for More Information



DIMENSIONS (Inches)

SIZE	L (Max.)	W (Max.)	T (Max.)	LS (±.032)	LD (±.002)
RT1814	0.300	0.200	0.200	0.200	0.025
RT1824	0.300	0.300	0.200	0.200	0.025
RT2225	0.350	0.300	0.200	0.250	0.025
RT2824	0.400	0.300	0.200	0.300	0.025
RT3933	0.500	0.400	0.200	0.400	0.025
RT4844	0.600	0.500	0.200	0.500	0.025
RT5854	0.700	0.600	0.200	0.600	0.025
RT6864	0.800	0.700	0.200	0.700	0.025
RT9650	1.100	0.600	0.200	0.980	0.025
RT13565	1.450	0.720	0.200	1.375	0.025

MAXIMUM CAPACITANCE (µF)

** WVDC = Working Voltage Direct Current

WVDC**	25V		50V		100V		200V		500V		1000V	
	X7R	NPO	X7R	NPO	X7R	NPO	XHT	NPO	XHT	NPO	XHT	NPO
RT1814	.47	.022	.33	.018	.22	.012	.10	.0075	.075	.0035	.012	.0010
RT1824	.82	.045	.25	.033	.50	.024	.20	.014	.15	.0068	.024	.0020
RT2225	1.2	.056	1.0	.047	.60	.033	.25	.020	.20	.0090	.032	.0027
RT2824	1.5	.070	1.2	.056	.85	.040	.33	.022	.25	.011	.040	.0036
RT3933	2.7	.16	2.5	.12	1.5	.085	.60	.050	.50	.024	.080	.0075
RT4844	5.0	.18	4.0	.20	2.0	.14	1.2	.082	.82	.039	.16	.014
RT5854	7.8	.27	6.8	.30	4.5	.21	1.8	.12	1.2	.060	.25	.022
RT6864	12	.60	9.5	.44	6.0	.31	2.5	.18	1.8	.085	.35	.030
RT9650	15	.68	10	.47	6.8	.34	2.7	.20	2.0	.095	.39	.033
RT13565	-	-	-	-	-	-	4.7	.36	3.9	.17	.70	.060

HOW TO ORDER RT RADIAL LEADS

RT PREFIX	1814 SIZE See Above	XHT DIELECTRIC NPQ* NPO NHT XHT X7R	804 CAPACITANCE CODE Two significant figures followed by the number of zeros. Example: 100 = 10 pF 101 = 100 pF 102 = 1000 pF 103 = .01 µF	K TOLERANCE CODE F = ± 1% ≥ 10pF G = ± 2% ≥ 10pF J = ± 5% ≥ 10pF K = ± 10% L = -10% / +20% M = ± 20% Z = +80% / -20% P = +100% / -0%	2 VOLTAGE CODE 1 = 25 VDC 2 = 50 VDC 3 = 100 VDC 4 = 200 VDC 5 = 300 VDC 6 = 500 VDC 9 = 1000 VDC **	B CASE Molded Box (Encapsulated) B = Up to 220°C P = Up to 240°C U = Uncoated	200 LEAD SPACING (LS) See Above	R RoHS Blank = Non-RoHS R = RoHS Compliant	(F) DESIGN-IN CODE See Page 15
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* Contact factory regarding NPQ dielectric, additional case sizes, or optimized shapes.

**** HIGHER VOLTAGES AVAILABLE — 20KV and Above**

PRESIDIO COMPONENTS DESIGN-IN CODES

A WORD TO THE DESIGN ENGINEER

After the design work is done, outsourcing manufacturing on a global basis is a management option. At Presidio Components, we are striving for complete customer satisfaction which includes “after” service for all of our products.

We added a “Design-In” locator code for quick traceability, if needed. Please select your location from the table below and add the appropriate code at the end of the part number. If you need assistance, please give us a call at **(858) 578-9390** or email **HT@presidiocomponents.com**.

UNITED STATES

OUTSIDE THE UNITED STATES

USA	Code	USA	Code	Americas	Code	Europe	Code
Alabama	(G)	Nebraska	(P)	Canada	(R)	Austria	(3)
Alaska	(P)	Nevada, North	(B)	Mexico	(R)	Belgium	(1)
Arizona	(D)	Nevada, South	(C)	Caribbean	(R)	Denmark	(5)
Arkansas	(P)	New Hampshire	(L)	Central America	(R)	Finland	(5)
California, North	(B)	New Jersey	(J)	South America	(R)	France	(2)
California, South	(C)	New Mexico	(D)			Germany	(3)
Colorado	(E)	New York, Metro	(J)	Pacific Rim		Ireland	(6)
Connecticut	(L)	New York, Upstate	(K)	Australia	(S)	Italy	(4)
Delaware	(I)	North Carolina	(G)	China	(T)	Luxembourg	(1)
District of Columbia	(H)	North Dakota	(O)	Japan	(U)	Netherlands	(1)
Florida	(G)	Ohio	(M)	Korea, South	(V)	Norway	(5)
Georgia	(G)	Oklahoma	(P)	Malaysia	(W)	Sweden	(5)
Hawaii	(P)	Oregon	(A)	Singapore	(X)	Switzerland	(3)
Idaho	(A)	Pennsylvania	(I)	Other Pacific Rim Countries	(Y)	United Kingdom	(6)
Illinois	(N)	Rhode Island	(L)			Other European Countries	(7)
Indiana	(M)	South Carolina	(G)			Other	
Iowa	(O)	South Dakota	(O)			India	(Z)
Kansas	(P)	Tennessee	(G)			Israel	(8)
Kentucky	(M)	Texas	(F)			Rest of World	(9)
Louisiana	(P)	Utah	(E)				
Maine	(L)	Vermont	(L)				
Maryland	(H)	Virginia	(H)				
Massachusetts	(L)	Washington	(A)				
Michigan	(N)	West Virginia	(P)				
Minnesota	(O)	Wisconsin, East	(N)				
Mississippi	(G)	Wisconsin, West	(O)				
Missouri	(N)	Wyoming	(E)				
Montana	(A)						

PART NUMBER EXAMPLE:
HT0805XHT473K1Q5R(F)

Add Design-In Code inside the parentheses at the end of the Presidio part number as shown above.