



Custom Capacitor Capability

561 AND 564 CLASS I SERIES

ELECTRICAL OPTIONS (Precision and over 50 kHz)

CERAMIC TYPE	RANGE OF CAPACITANCE VALUES (PICOFARADS)				TOLERANCE CODES
	500 VOLT .250" TO .680" (6.4 TO 17mm)	1000 VOLT .250" TO .760" (6.4 TO 19mm)	2000 VOLT .330" TO .900" (8.4 TO 23mm)	3000 VOLT .330" TO .900" (8.4 TO 23mm)	
NP0	10 - 390	1 - 330	1 - 270	1 -180	C, D, J, K
N750	47 - 680	22 - 470	10 - 330	10 - 270	J, K
N1000	56 - 820	33 - 560	15 - 390	10 - 330	J, K
N2200	68 - 750	56 - 680	33 - 560	22 - 470	J, K
N3300	100 -1000	75 - 820	47 - 750	33 - 560	J, K
N4700	n/A	330-5600	220-4700	100-3300	K, M

Note: Vishay Cera-Mite also offers capacitors in N030, N080, N150, N220, N330, and N470 characteristics to serve special applications requiring TC matching. Values are available in the same range as NP0.

CUSTOM DISCS

Vishay Cera-Mite's most popular 12 Volt to 6,000 Volt values and constructions are shown as standard part numbers in this catalog. Many other values and lead styles are available. Complete capacitance ranges for various Class I, II and III ceramic materials are shown in the tables below. Various wire lead forms and packaging options are detailed on the next pages. Part numbers for custom capacitors consist of an 18-character designator assigned by our application engineering group. Vishay Cera-Mite will provide a certified outline drawing and complete part number covering custom options specified. Customer approval of the outline is usually requested to guarantee satisfaction.

All performance characteristics shown in this catalog apply to the options unless otherwise stated on the outline drawing.

562 AND 564 CLASS II & III SERIES ELECTRICAL OPTIONS

(General Purpose)

CERAMIC TYPE	RANGE OF CAPACITANCE VALUES (PICOFARADS)						TOLERANCE CODES		
	500 Volt .250" to .950" (6.4 to 24mm)	1000 Volt .250" to .950" (6.4 to 24mm)	2000 Volt .330" to .950" (8.4 to 24mm)	3000 Volt .330" to .950" (8.4 to 24mm)	6000 Volt .400" to .900" (10.2 to 23mm)		500 V	1000 V	2 to 6 KV
X5F	200 - 22,000	100 - 20,000	68 - 12,000	47 - 8,200	47 - 2200		K, M	K, M	K, M
X5S	400 - 22,000	300 - 25,000	470 - 22,000	390 - 15,000	220 - 3900		M	K, M	K, M
X7R	500 - 22,000	390 - 28,000	390 - 22,000	290 - 15,000	560 - 3900		K, M	K, M	K, M
Y5U	1000 - 50,000	750 - 50,000	560 - 33,000	390 - 33,000	470 - 6800		M	M	M, Y
Z5U	1500 - 100,000	1000 - 100,000	1000 - 47,000	680 - 33,000	820 - 8200		M, Z	M, Z	M, Z
Y5V	2000 - 200,000	1500 - 150,000	1500 - 100,000	1000 - 50,000	N/A		Y, Z	M, Z	M, Z

Note: 100 Volt ratings are available in same ranges as 500 Volt.

CUSTOM PART NUMBER DESIGNATOR

General Method Used To Describe Radial Leaded Custom Disc Capacitors

