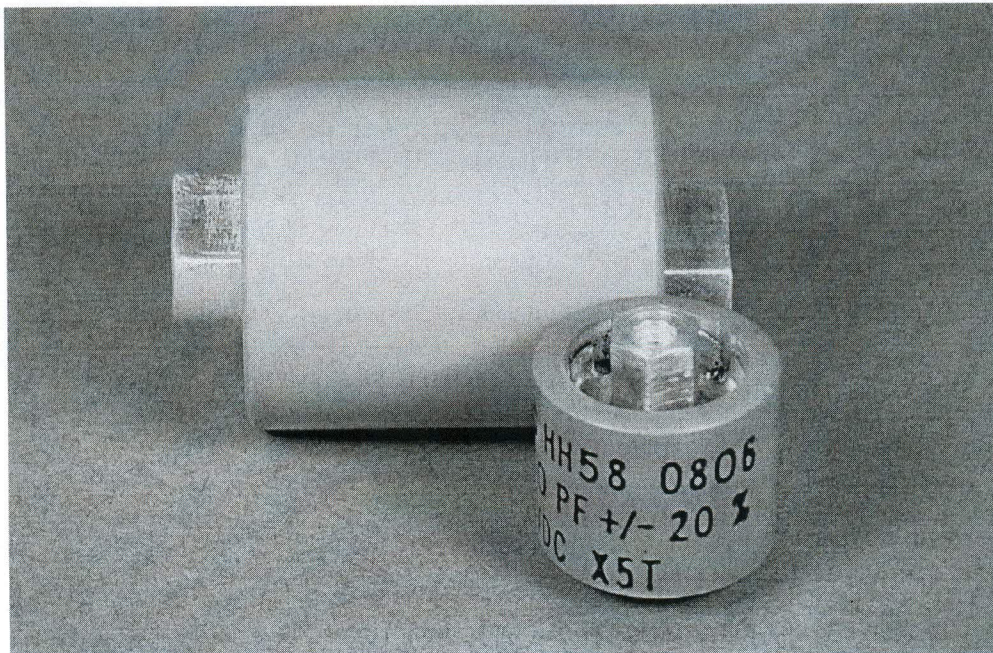


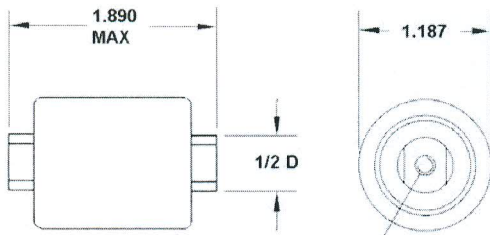


- Compact High Capacitance Parts
- 7.5 and 15 kV_{DC} Power Ratings
- Broadcast Barrel Package
- Metric or English Terminals
- Three Class II Dielectrics



GENERAL SPECIFICATIONS

Temperature Range	Operating: -55° C to +85° C Storage: -55° C to +125° C
Capacitance Tolerance	± 10% or ± 20% standard
Dissipation Factor	1.5% Maximum when measured at a frequency of 1 kHz and 25° C
Dielectric Characteristic	Class II X5T (+22%, -33% capacitance change with temperature over -55° C to +85° C) or X5U (+22%, -56% capacitance change with temperature over -55° C to +85° C) or X5V (+22%, -82% capacitance change with temperature over -55° C to +85° C)
Dielectric Strength	Will withstand an AC potential of 1.5 times Rated Working Voltage for 10 Seconds at 25° C.
Insulation Resistance	10,000 Megohms (MΩ) Minimum at 100 V _{DC}
Terminals	Silver Plated
Terminal Strength	Maximum applied torque to be 20 inch-pounds or less (HH57 series) " " " 6 inch-pounds or less (HH58 series with standard terminal) " " " 17 inch-pounds or less (HH58 series with solid terminal)
Humidity Protection	Nonconductive Coating
Standard Markings	"HEC", Capacitance, Tolerance, Rated Working Voltage (V _{DC}) and Date Code



INTERNAL THREAD BOTH ENDS
10-32 UNF-2B, 1/4 DEEP (A)
OR M5, 6mm DEEP (A-M)

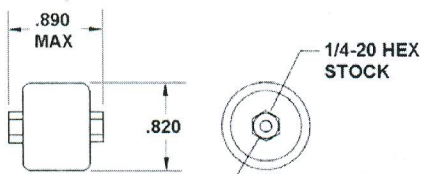
HH57 Series Ceramic Capacitor Part Numbers:

HH57Y	751 (750 pF)	M ($\pm 20\%$)	A (10-32 Terminals)
	to	or	or
	152 (1500 pF)	K ($\pm 10\%$)	A-M (M5 Terminals)

Also available with 7.5 kV and 10 kV rating as:

HH57V (7.5 kV_{DC}) and HH57X (10 kV_{DC})

CAPACITANCE		PERFORMANCE RATINGS					PART NUMBER
pF	Dielectric (TC)	V _{MAX} (kV _{DC})	f _L (MHz)	S _{MAX} (kVA)	f _H (MHz)	I _{MAX} (A _{RMS})	
750	X5T	15	0.0660	35	0.288	6.90	HH57Y751KA
1000		15	0.0495	35	0.118	5.10	HH57Y102KA
1200		15	0.0412	35	0.0985	5.10	HH57Y122KA
1500		15	0.0330	35	0.0851	5.30	HH57Y152KA



INTERNAL THREAD BOTH ENDS
6-32 UNC-2B, 5/32 MIN DEEP (A)
OR M4, 4 mm MIN DEEP (A-M)
OR M4, 4 mm MIN DEEP (A-SM)

HH58 Series Ceramic Capacitor Part Numbers:

HH58V	100 (500 pF)	M ($\pm 20\%$)	A (6-32 Terminals)
	to	or	or
	701 (2500 pF)	K ($\pm 10\%$)	A-M (M4 Terminals)
		or	A-SM (Solid Metric)

CAPACITANCE		PERFORMANCE RATINGS					PART NUMBER
pF	Dielectric (TC)	V _{MAX} (kV _{DC})	f _L (MHz)	S _{MAX} (kVA)	f _H (MHz)	I _{MAX} (A _{RMS})	
500	X5T	7.5	0.00679	0.6	12.7	4.90	HH58V501KA
700		7.5	0.00485	0.6	9.85	5.10	HH58V701KA
900		7.5	0.00377	0.6	8.27	5.30	HH58V901KA
1000	X5V	7.5	0.00339	0.6	8.31	5.60	HH58V102KA
2000		7.5	0.00170	0.6	5.26	6.30	HH58V202KA
2500	X5U	7.5	0.00136	0.6	4.62	6.60	HH58V252KA