

CERAMIC CAPACITORS

AC, Y2 Series

I Y2

•Part number Description

Material Type (1) **T.C.** (2) **Rated Capacitance** (3) **Tol.** (4) **Rated Voltage** (5)

Example: Y2 B 101 K AC250V

(1) **Material Type** : Y2 capacitor

(2) **Disc Size (D)** : Diameter in mm.

(3) **T.C. (Temperature Characteristics)** : B: ± 10%, F: +30%-85%.

(4) **Rated Capacitance in (pF)** : The first two digits are the significant figures of capacitance and the third digit denotes the number of following zeros.

Code	101	102	472
pF	100	1,000	4,700

(5) **Capacitance Tolerance** : K: ± 10%, M: ± 20%, Z: +80%-20%

(6) **Rated Working Voltage** : in Volts (V), AC



•Specifications

Operation Temperature Range	-25°C ~+125°C
Rated Working Voltage	250V, 400V (AC)
Capacitance	Measured at 25°C, 1KH 乙 5V rms. max.
Capacitance Tolerance	K: ± 10%, M: ± 20%, Z:+80%-20%
Insulation Resistance	10,000MQ mim. at 500V + 50V DC for 60 sec.
Dissipation Factor (D.F.)	2.5% max. for TO: B 5.0% max. for TO: F
Dielectric Strength	2500V AC for 60 sec. (50Hz or 60Hz)
TemperatureCharacteristic	B: ± 10%, F: +30%-85%.

•Dimensions & Standard items

Unit: mm

Part Number	T · C ,	Cap.(pF)	Tol ,	D(max)	F	T(max)
STY2B101KAC250V	B	100	± 10%	10	7.5	8
STY2B101MAC250V	B	100	± 20%	10	7.5	8
STY2B151KAC250V	B	150	± 10%	10	7.5	8
STY2B221KAC250V	B	220	± 10%	10	7.5	8
STY2B331KAC250V	B	330	± 10%	10	7.5	8
STY2B471KAC250V	B	470	± 10%	10	7.5	8
STY2B681KAC250V	B	680	± 10%	10	7.5	8
STY2B681MAC250V	B	680	± 20%	10	7.5	8
STY2B102KAC250V	B	1000	± 10%	11	7.5	8
STY2F102MAC250V	F	1000	± 20%	11	7.5	8
STY2F103MAC250V	F	10000	± 20%	19	10	8
STY2F152MAC250V	F	1500	± 20%	12	7.5	8
STY2F222MAC250V	F	2200	± 20%	12	7.5	8
STY2F332MAC250V	F	3300	± 20%	14	10	8
STY2F472MAC250V	F	4700	± 20%	17	10	8
STY2F472ZAC250V	F	4700	+80%-20%	13	7.5	8