STcapacitors®

CERAMIC CAPACITORS

AC, Y2 Series

•Part Number Description

Material Type	T.C.	Rated Capacitance	Cap. Tol.		Rated Voltage
(1)	-(2F	(3)		(4)	(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: ±0%, 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: 0%, 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