

CERAMIC DISCAPACITORS

Technical Data

CLASS II HIGH DIELECTRIC CONSTANT

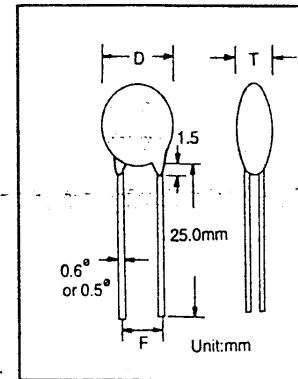
EIA PS 198. CLASS I
JIS C6422. TYPE II

FEATURES

- Large capacitance in small sizes.
- Non linear temperature coefficient of capacitance.

SPECIFICATIONS

- Operating temperature range: +10°C to 85°C (Z5U, Z5V)
-25°C to 85°C (Y5P)
- Rated working voltage: 50 VDC, 500 VDC
- Capacitance: Within the tolerance at 1 KHz, 1 ± 0.2 Vrms, 25°C
- Test voltage: 2.5 times of the rated voltage.
- Dissipation factor ($\tan \delta$):
Y5P, Z5U : $\tan \delta \leq 2.5\%$
Z5V : $\tan \delta \leq 5\%$
- Insulation resistance: 10,000 M Ω or 200 M Ω uF, whichever is the smaller.



TEMP. CHAR. / CAP. VALUE / RATED VOLTAGE

TYPE	RATED VOLT (VDC)	TEMP. CHAR.	CAPACITANCE		DIMENSIONS(MM)		
			RANGE(pF)	TOL.	D Ø max	T max	F
BU5	U 50	B $\pm 10\%$ (Y5P)	100 ~ 2000	K. M.	5.5	3.5	5.0
BU6			2200 . 2700		6.5		
BU7			3000 . 3300		7.5		
BU8			3900 . 4700		8.5		
BU0			5600 . 6800 10000		10.5		
EU5	U 50	E. $+22-56\%$ (Z5U)	2200 . 3300 4700 . 5000	M. Z.	5.5	3.5	5.0
EU6			5600 . 6800 8200		6.5		
EU7			10000		7.5		
EU8			12000 . 15000		8.5		
EU0			18000 . 20000 22000		10.5		
FU5	U 50	F $+22-82\%$ (Z5V)	4700 . 5000	Z. P.	5.5	3.5	5.0
FU6			10000 . 15000		6.5		
FU7			18000 . 20000		7.5		
FU8			22000 . 30000		8.5		
FU0			33000 . 40000 47000		10.5		

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