

Ceramic Capacitors

EC3 - Y1/Y2 AC Safe Ceramic Capacitors

ELECSOUND®

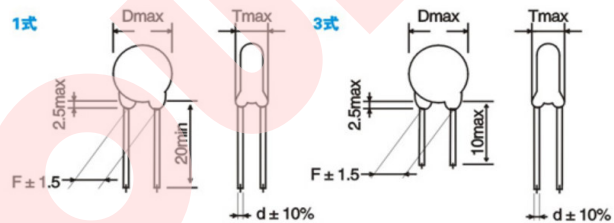
Elecsound is a leading manufacturer of ceramic capacitors, including: disc ceramic capacitors, multilayer ceramic capacitors, Safety ceramic capacitors and ceramic trimmer capacitors.

Features:

- Ideal for across the line applications
- Compact size
- Cost effective product
- Safety standard recognized for AC applications
- Rohs Compliant

SPECIFICATIONS:

OPERATING TEMPERATURE RANGE:	- 25°C~ + 85°C, - 25°C~ + 125°C
CAPACITANCE:	THE CAPACITANCE SHALL BE MEASURED AT 20±2°C WITH 1V±0.2V AND 1 ± 0.2KHz.
DISSIPATION FACTOR(D.F.):	SAME CONDITION AS THE CAPACITANCE $tg \delta \leq 250 \times 10^{-4}$
INSULATION RESISTANCE(I.R.):	THE I.R. SHALL BE MEASURED AT DC500V WITHIN 60±5 SEC. OF CHARGING. I.R. ≥ 10,000MΩ
DIELECTRIC STRENGTH:	APPLY A AC VOLTAGES BETWEEN THE LEAD WIRES FOR 5 SEC., NO FAILURE (CHARGE/DISCHARGE CURRENT ≤ 50mA) Y2:U _T =AC2500V Y1:U _T =AC4000V



HOW TO ORDER:

Y1	11		E		I		D		472		M		T	
Type	Dmax		Temp.Cof		Lead style		Lead Space		Capacitance		Tol.		Pack Type	
Y1	AC400V	Dia	Code	B	Y5P	Code	Style	D	10	Cap.	Code	Tol.	Code	Non: Bulk
Y2	AC250V	7.5	8	E	Y5U	1	20mm	E	7.5	100pF	101	±10%	K	
		11.3	12	F	Y5V	3	10mm			1000pF	102	±20%	M	T:TAPING & REELPACLING
		15.8	16							2200pF	222	+ 80%	Z	
		16.5	17							10000pF	103	-20%	Z	

DIA.&CAP.RANGE:

UR	TEMP.COEF./CAP.(PF)			Dmax (mm)	Tmax (mm)
	B	E	F		
Y1	100-200		1000	6.8	5.5
	470		1500	7	
		1000-1500	2200	8	
		2200	3300-3900	8.5	
		4700		11	
Y2	100-470	1000	1000	6	4.5
			1500	7	
		1500	2200	8	
		2200	3300-3900	9	
			4700	10.5	
		4700	6800	14	
		10000	15		

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