

Designation for Ceramic Capacitors

● KEC DESIGNATION FOR CERAMIC CAPACITORS

Following code could be recommended when you order.

Code	Series	Code	Rated Vtg.	Temperature Coefficient Code.		T.C Tolerance			
				Cap.	≤2pF	3pF	≥4pF		
DD	Radial	1B	12V/Semi	C △(NPO) 0ppm/°C		CK (±250)	CJ (±120)	CH (±60)	
DS	Semi-Con	1E	25V/Semi	P △(N150) -150ppm/°C		PK (±250)	RJ (±120)	PH (±60)	
DG	High-Temp. High-Vtg	1H	50V	R △(N220) -220ppm/°C		RK (±250)	RJ (±120)	RH (±60)	
DL	Low loss High-Vtg	2E	250V/AC	S △(N330) -330ppm/°C		SK (±250)	SJ (±120)	SH (±60)	
DM	High-Vtg	2G	400V/AC	T △(N470) -470ppm/°C		TK (±250)	TJ (±120)	TH (±60)	
DA	AC con	3A	1kV	U △(N750) -750ppm/°C		UK (±250)	UJ (±120)	UJ (±120)	
F5	Feed thru	3D	2kV	SL		P350~N1000	P350~N1000	P350~N1000	
F3		3F	3kV						
		3G	4kV						
				Code	JIS	EIA	Temp. Char	Temp. Range	Application
				YB	B	Y5P	±10%	-25~+85°C	50V HIK/ 500V HIK/ Mid-High HIK Low Loss Mid-High/ AC/ Feed
				YD	D	Y5T	+20%/-30%	-25~+85°C	50V HIK/ 500V HIK
				YE	E	Y5U	+20%/-55%	-25~+85°C	50V HIK/ 500V HIK/ Mid-High HIK/ AC/ Feed
				YF	F	Y5V	+30%/-80%	-25~+85°C	50V HIK/ 500V HIK/ Mid-High HIK/ AC/ Feed
				YR	R	Y5R	±15%	-30~+85°C	Semi-Con
				YV	F	Y5V	+22%/-82%	-30~+85°C	Semi-Con
				HR	R	Y5R	±15%	-25~+85°C	High-Temp. Low Loss Mid-High
						-	+15%/-30%	+85~+125°C	

D D	1 H	C H	1 0 1	J	7 4 9
Series	Rated Vtg.	Temp. Char	Capacitance	Cap. tol.	Lead style

Code	Tolerance (Series)	Application		Lead Style	Code	Application
		Cap. Range	Temp. Chac			
C	±0.25pF	5pF or less	only TC type.	Forming Short type	613 615 617	High-Temp. High-Vtg/ Low loss High-Vtg/ High-Vtg/ AC
D	±0.5pF	10pF or less	only TC type.			
F	±1pF	10pF or less	only TC type.			
J	±5% (E24)	More than 10pF	only TC type.	Forming Long type	793 895 897	High-Temp. High-Vtg/ Low loss High-Vtg/ High-Vtg/ AC
K	±10% (E12)	More than 10pF	TC type and Hik "YB" type			
M	±20% (E6)	More than 10pF	Hik "YB" type and Hik "YD" type	Forming Taping	749 959 725 830	All Except feed
Z	+80%~-20% (E3)	More than 10pF	usually Hik "YF" type and occasionally Hik "YE" type			
P	0%~+100% (E3)	More than 10pF	usually Hik "YE" type and occasionally Hik "YF" type			

Nominal Capacitance
The first two digits denote significant figures and the last digit denotes the multiplier of 10 in pF.
(Example) 331 = 33 × 10 ¹ = 330pF 472 = 47 × 10 ² = 4700pF 1R5 = 1.5pF 010 = 1pF