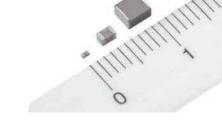


H, T, Q series

◆ YMIN high voltage products are designed and manufactured to meet the international standards.

The product is well suited for commercial and industrial applications including NP0、X8R、X7R characteristics in sizes of 1206 to 2220 and with working voltage up to 3KV.



♦ Features

- ♦ Special Internal Electrode Design Offers The Highest Voltage Rating
- ♦ Surface Mount Suitable For Wave And Reflow Soldering
- ♦ High Reliability
- **◇RoHS** Compliant

♦ Applications

Modems And Power Supplies

■ Specifications

Item		Specifications	
Voltage Range	1000Vdc~3000Vdc		
	NP0	-55~+200°C (0±30ppm/°C)	
Capacitance Chaning Rate	X7R	-55~+125°C (±10%)	
and a second	X8R	-55~+150°C (±10%)	
Disspation Factor	NP0 : Q≥1000; X7I	R:D.F.\$\square\$2.5\%; X8R:D.F.\$\square\$2.5\%	
Lsolation resistance	10GΩor500/CΩwhic	hever is smaller	
Aging	NP0:0% X7R, X	8R: Typically 2.5% per decade of time	
	100V≤V≥500V : 20	00% Rated Voltage	
Dielectric Value	500V≤V≥1000V : 15	50% Rated Voltage	
	1000V≤V : 12	20% Rated Voltage	

■ Part number

1206	A	100	K	201	Q	L
Size Code: 1206: 3.20×1.60 1210: 3.20×2.50 1812: 4.50×3.20 2220: 5.70×5.00	Dielectric code : A: NP0 B: X7R C: X8R	Capacitance code: 0R5: 0.5pF 1R0: 1pF 102: 1000pF Note: the first two digits are valid digits, the third digit is the number of 0, and R is the decimal point	Tolerance code: K: ±15% M: ±20% S: +50% -20% Z: +80% -20%	Voltage code: 6R3: 6.3 500: 50 201: 200 Note: the first two digits are valid digits, the third digit is the number of 0, and R is the decimal point	Temperature code: Q: NP0 -55°C~200°C 25°C0±30ppm/°C H: X7R -55°C~125°C 25°C±10% T: X8R -55°C~150°C 25°C±10%	Thickness Code: unit: mm K: 0.125 H: 0.13 E: 0.18 C: 0.2 P: 0.3 K: 0.45 W: 0.5 A: 0.8 D: 0.85 F: 1.15 G: 1.25 L: 1.6 N: 1.9 Y: 2 M: 2.5

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MULTILAYER CERAMIC CAPACITORS

■ Standard Product Chart

	Table (No.																		C	ap	oac	cita	in	ce	Ra	ang	gel	pl	7)																
Femperature	Size	Voltage	2R0	3K3	5R0	8R2	000	150	180	220	270	300	470	999	089	820	101	151	181	221	271	331	391	471	100	100	102	122	152	182	222	272	255	392	562	682	822	103	123	103	202	273	333	393	473
		IKV																																											
	1206	2KV																																											
		3KV											Ī				I								I						Ī										Ī				
	1210	IKV																																											
NP0		IKV																																							Ī				
NPU	1812	2KV											I																												I				
		3KV																													1										I				
		IKV																																											
	2220	2KV																																											
		3KV																		Г							Π					T		T		Γ					T		Г		

	Newson																	(Caj	pac	eita	an	ce	Ra	ng	e(j)F	Ĭ,																
Temperature	Size	Voltage	101	181	221	271	391	471	561	189	821	132	152	182	222	272	392	472	562	682	822	103	123	183	223	273	333	393	6/4	505	823	104	124	154	184	224	224	304	177	564	684	824	844	864
		1206																																										
VZD	1777	1210																						I					İ															
X7R	1KV	1812										Ī				Ī								Ī																				
		2220								Ī																												Ī		Ī				

	1004	44. 65.																		1	Ca	pa	ıci	ta	nc	e F	t ai	ng	e(I	F)																	
Temperature	Size	Voltage	101	2 8	181	221	271	301	471	195	189	821	102	122	152	182	222	272	302	472	095	683	822	103	123	153	183	223	273	333	393	473	563	683	679	40	471	154	184	177	224	304	474	\$64	684	824	844	200
		1206																																Ī									Ī					Ī
N/IID	ALC Y	1210							Ī									Ī														Ī	I	Ī						Ī		Ī	Ī					Ī
X7R	2KV	1812					Ī		Ī									I		Ī												Ī		Ī			Ī						Ī					Ī
		2220					Ī											1																Ī			Ī						Ī					

	61-	36 N																					C	aj	oa	cit	an	ce	R	an	ge	e(p	F)	E																		
Temperature	Size	Voltage	101	151	181	181	221	271	301	191	4/1	100	189	821	701	777	152	187	222	272	332	392	472	562	682	822	103	123	153	183	223	273	333	393	473	563	683	823	843	863	104	124	154	184	224	274	334	394	474	564	684	824
		1206																																																		
X7R	3KV	1812																																																		
		2220															Ī																																			

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MULTILAYER CERAMIC CAPACITORS

■ Standard Product Chart

	24	80.31																Ca	pa	icit	tan	ce	Ra	ıng	e(I	F)	è																
Temperature	Size	Voltage	200	260	18 19	221	271	331	471	161	199	821	102	122	182	222	272	352	472	562	682	822	103	153	183	223	273	303	473	563	683	823	104	154	184	224	274	304	474	564	684	724	764
		IKV																																									
	1206	2KV																	I																								
		3KV																																									
	1210	IKV																																									
X8R	1210	2KV																																									
AoK		IKV																																									
	1812	2KV																																									
		3KV																																									
		1KV																																									
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		3KV																																									

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