

HOW TO ORDER

1KV – 15KV MID, HIGH VOLTAGE DISC CERAMIC CAPACITORS

PART NBR DESIGNATION:

(EXAMPLE)

YP 103 K 3A 5P

TEMP. CHARACT.		CAPACITANCE		CAP. TOLERANCE		WORKING V.		LEAD SPACING		REMARKS	
C(0.1)	NPO	0R5	0.5 pF	A	+0.1pF	1E	25V	2	2.5 Mini	I	IN-KINK LEADS
SL	SL	010	1 pF	B	+0.5pF	1H	50V	3	2.5 +0.5	O	OUT-KINK LEADS
YP	(B) Y5P,Y5E	120	12 pF	C	+0.25pF	3A	1KV	4	4.0 +0.5	Y	Y-KINK LEADS
YT	(D) Y5T	331	330 pF	D	+0.5pF	3D	2KV	5	5.0 +0.8	S	PRECUT SHORT LEADS
YU	(E) Y5U	472	4700 pF	J	+5%	3F	3KV	6	6.3 +-0.8	P	EPOXY COATING
YV	(F) Y5V	472	.0047 uF	K	+10%	3G	4KV	7	7.5 +0.8	TB	TAPED IN AMMO PACKING
ZU	(E) Z5U	472	4.7 nF	M	+20%	3J	6KV(6.3KV)	9	10.0 +2-1	TR	TAPED IN REEL PACKING
ZV	(F) Z5V	103	10000 pF	Z	+80-20%	4K	8KV	-	Axial Type	N	RoHS COMPLIANCE
MC	MONO NPO	103	.01 uF	P	+100-0%	4A	10KV	BASIC WORKS * STRAIGHT LEADS *BULK PACKING *LEAD LENGTH 25MM MIN *PHENOLIC RESIN COATING			
MY	MONO Y5V	103	10 nF			4C	15KV				
MZ	MONO Z5U	224	220000 pF			2BA	125VAC				
BN	Y5P LOW DF	224	.22 uF			2EA	250VAC				
ZM	T3M (Y5T)	224	220 nF			2GA	400VAC				

SPECIFICATION:

1. TEMPERATURE CHARACTERISTICS:

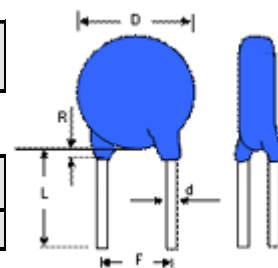
TEM	RANGE	TEMP. CHARACT.	CO	SL (PPM/ °C)	B	D	E	F
Y5	-25°C~+85°C	CAPACITANCE CHANGE RATE	NPO	P350~N1000	+-10%	+20%-30%	+20%-55%	+30%-80%
Z5	+10°C~+85°C							

2. CAPACITANCE MEASURING CONDITIONS:

B D E F	1KHz	20°C @1.0Vrms
NPO SL	1MHz	

3. CAPACITANCE TOLERANCE:

J	+~5%	K	+~10%	M	+~20%	Z	+80-20%
A	+0.1pF	B	+~0.15pF	C	+0.25pF	D	+~0.5pF



4. INSULATING RESISTANCE (I.R.):

10000MegOhm MIN AT 500V FOR 1 MINUTE.

5. DISSIPATION FACTOR (D.F.): 2.5% MAX. FOR B/D/E/F

Q VALUE: 1000 MIN. FOR NPO/SL 30pF & ONWARD

or >= 400 + 20C (C = CAP.) FOR UNDER 30pF

6. DIELECTRIC STRENGTH: TESTING 1-5 SECONDS.

RATED WORKING V.	500V	1KV-2KV	6KV-5KV	6KV-15KV
FLASH TEST V.	300%	200%	175%	150%