

SAFETY STANDARD RECOGNIZED Y CLASS CERAMIC CAPACITOR

JAN-NAY Safety Recognized Ceramic Disc Capacitors are designed especially for IEC 384-14 2nd edition (1993) and across-the-line antenna-coupling, line-by-pass application
APPROVAL STANDARD AND RECOGNIZED NO.

Certificated Body	Related Standard	Certificate Nuber	AC Rated Voltage
UL	UL1414	E201384(JN/JY/JR)	JNA TYPE: Class X1: 440 VAC Y1: 400 VAC UL, CSA: 250 VAC JN TYPE: Class X1: 400 VAC Y1: 250 VAC UL, CSA: 250 VAC JY TYPE: Class X1: 400 VAC Y2: 250 VAC UL, CSA: 250 VAC JR TYPE: Class X1: 400 VAC Y2: 250 VAC UL, CSA: 250 VAC
CAS	C22.2 NO.1	L R 113866-3(JN/JY/JR)	
FIMKO	EN 132400:1994 IEC 384-14 2nd Edition(1993) (IEC60384-14 2nd Ed) Reinforced Body Insolation/0.4mm min. Approued by VDE (Type JNA, JN, JY)	FI 1996A1(JN/JY) F1 16191A3(JR)	
DEMKO		312382-02(JN/JY) 310369-04(JR)	
SEMKO		203694(JN/JY) 203690(JR)	
NEMKO		P03201251(JN/JY) P04201600(JR)	
SEV		04.0039(JN) 04.0022(JY) 00.0042(JR)	
VDE		40001831 (JN) 40001827 (JY) 40001833 (JR)	
CB		FI 1380(JN) FI 1379A1(JY) FI 1790(JR)	
ENEC 10		40001831 (JN) 40001827 (JY) 40001833 (JR)	
CQC(CHINA)		CQC03001007718(JY) CQC03001007717(JN) CQC043001009834(JR)	
EK(KOREA)		HU03020-5001A	

SPECIFICATION

Characteristics	Type JN /JNA	Type JY	Type JR
Capacitance Range	100pF to 4700pf	100pF to 10000pF	5.1pF to 1500pF
Operating Temperature Range	-25°C to 125 °C	-25°C to 125 °C	-55°C to 125 °C
Rated Voltage	X1: 440VAC, Y1: 250VAC / 400VAC	X1: 440VAC, Y2: 250VAC	X1: 440VAC, Y2: 250VAC
Dielectric Withstanding Volt.	4000 VAC for 1 minute	2600 VAC for 1 minute	2600VAC for 1 minute
Capacitance	Within the specified tolerance when measured at 1KHz ±20%(Y5P,Y5U,Y5V,X7R),1MHz±20%(C0G), 1Vrms and 25°C		
Dissipation Factor(tan)	tan <2.5% for char ,Y5P,Y5U,Y5V,X7R when measured at 1KHz±20% 1Vrms and 25 °C Quality Factor> 300 for char. .C0G when measured at 1MHz±20% 1Vrms and 25 °C		
Insulation Resistance	10,000 MΩ min. at 500 VDC		