

**SPECIFICATION**

PART No. CNR-14D221K

UL REC :UL 1414 ; UL 1449 ( 2ND EDITION )

CSA VDE ISO 9001 ISO 14001

**1. OUTLINE**

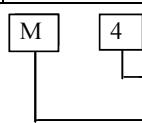
1,1	APPEARANCE	WITHOUT DIRT & CRACK	D( Max)	17,0
1,2	DIMENSIONS	 UNIT:mm	H(Max)	20,5
ISO 9001	04 100 062346		T(Max)	4,1
ISO 14001	04 104 062346		W	7,5±1,0
UL 1414	E165143		d	0,8±0,05
UL 1449	E150709		L(Min)	25,0
CSA	LR109736-1			CP
VDE	2155700-4790-0001			

Enclosure Non-Flammable Epoxy Resin (UL 94V-0), Blue

Lot No. on the product consists of Factory ID ,year code and month code

Year Code			Month Code		
H-----2003	M-----2007	X-----2011	1----January	5----May	9----September
J-----2004	P-----2008	Y-----2012	2----February	6----June	o----October
K-----2005	U-----2009	Z-----2013	3----March	7----July	n----November
L-----2006	W-----2010	G-----2014	4----April	8----August	d----December

EX.



→ Month Code

→ Year Code

**2. ELECTRICAL PARAMETERS**

2,1	Max ALLOWABLE VOLTAGE	AC : 140V ; DC 180V	
2,2	VARISTOR VOLTAGE	V1mA : 198V-242V	AT 1.0mA DC
2,3	RATED WATTAGE	0.6W	
2,4	CLAMPING VOLTAGE	< 360V ( AT 50A )	WAVE FORM 8*20μS
2,5	WITHSTANDING SURGE CURRENT	1 TIME : 4500A	WAVE FORM 8*20μS
		2 TIMES : 2500A	WAVE FORM 8*20μS
2,6	Max ENERGY	60 JOULES	WAVE FORM 10*1000μS
2,7	TEMP COEFFICIENT OF VARISTOR VOLTAGE	< -0.05 %/°C	
2,8	CAPACITANCE	1100 PF	FREQ : 1 KHz
2,9	LEAKAGE CURRENT	<20μA	AT 180 V (DC)
2,10	IMPULSE LIFE	<±10% (V1.0mA)	WAVE FORM 8*20μS
2,11	STORAGE TEMPERATURE RANGE	-40°C~ +125°C	
2,12	OPERATION AMBIENT TEMPERATURE RANGE	-40°C~ +85°C	