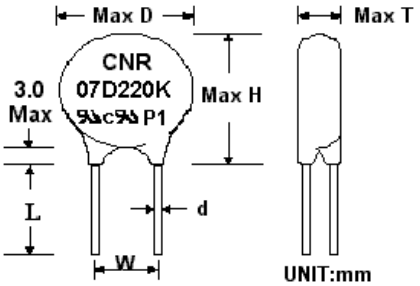
APPROVAL SHEET

SPECIFICATION				
PART No.	CNR-07D220K			
UL REC:UL 1414; UL 1449 (2ND EDITION) ISO 9001 ISO 14001				
1. OUTLINE				
1,1	APPEARANCE	WITHOUT DIRT & CRACK		
1,2	DIMENSIONS		D(Max)	9,0
ISO 9001	04 100 062346		H(Max)	12,0
ISO 14001	04 104 062346		T(Max)	3,8
UL 1449	E150709		W	5.0±1.0
			d	0.6±0.05
			L(Min)	25,0
			CP	
Enclosure Non-Flanunable Epoxy Resin (UL 94V-0), Blue * Marking : Laser Marking Lot No. on the product consists of Factory ID ,year code and month code				

Year Code		
H---------2003	M--------2007	X--------2011
J----------2004	P---------2008	Y--------2012
K---------2005	U---------2009	Z--------2013
L---------2006	W--------2010	G--------2014

Month Code		
1----January	5----May	9----September
2----February	6----June	o----October
3----March	7----July	n----November
4----April	8----August	d----December

EX. P 1 → Month Code; P → Year Code

2. ELECTRICAL PARAMETERS			
2,1	Max ALLOWABLE VOLTAGE	AC : 14V ; DC 18V	
2,2	VARISTOR VOLTAGE	V1mA : 18.7V-26.0V	AT 1.0mA DC
2,3	RATED WATTAGE	0.02W	
2,4	Max CLAMPING VOLTAGE	< 47V (AT 2.5A)	WAVE FORM 8*20μS
2,5	WITHSTANDING SURGE CURRENT	1 TIME : 250A	WAVE FORM 8*20μS
		2 TIMES : 125A	WAVE FORM 8*20μS
2,6	Max ENERGY	1.1 JOULES	WAVE FORM 10*1000μS
2,7	TEMP COEFFICIENT OF VARISTOR VOLTAGE	< -0.05 %/°C	
2,8	CAPACITANCE	3600 PF	FREQ : 1 KHz
2,9	LEAKAGE CURRENT	<50μA	AT 18 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	