

SPECIFICATION

Customer Name:

Product Name: Varistor

Model Number: COV-20D681K

File number NO:	NO: 2017042102
Specifications:	COV-20D681K

1.Appearance Structure

1.1	Appearance	Intact, No Damage, Lettering Clear And Complete	
1.2	Product Structure Diagram	Size (mm)	
		Dmax	25
		Hmax	27.5
		Tmax	6.2
		F	10.0±1.0
		d	1.0±0.05
		L(Min)	20
		Pmax	3
		Lead	CP WIRE
		Sealing Material	Blue
		Print Mode	Laser printer

2. ELECTRICAL PARAMETERS

2.1	Max ALLOWABLE VOLTAGE	AC: 420 (V)	TEST
		DC :560 (V)	
2.2	VARISTOR VOLTAGE	612~748 (V)	V1mA■ V0.1mA□
2.3	RATED WATTAGE	1.0 (W)	
2.4	Max CLAMPING VOLTAGE	IP: 100 (A)	WAVE FORM 8*20μS
		Vc:1120 (V)	
2.5	WITHSTANDING SURGE CURRENT	1Time: 10000 (A)	WAVE FORM 8*20μS
		2Time: 6500 (A)	
2.6	Max ENERGY	400 (J)	WAVE FORM 10*1000μS
2.7	TEMP COEFFICIENT OF VARISTOR VOLTAGE	600 (PF)	@1KHz
2.8	LEAKAGE CURRENT	≅ 20 (μA)	@80%*V1mA
2.9	IMPULSE LIFE	≅ ± 10% (V1mA)	WAVE FORM 8*20μS
2.10	STORAGE TEMPERATURE RANGE	-40°C ~ +85°C	-40°C ~ +85°C
2.11	OPERATION AMBIENT TEMPERATURE RANGE	-40°C ~ +125°C	-40°C ~ +125°C