

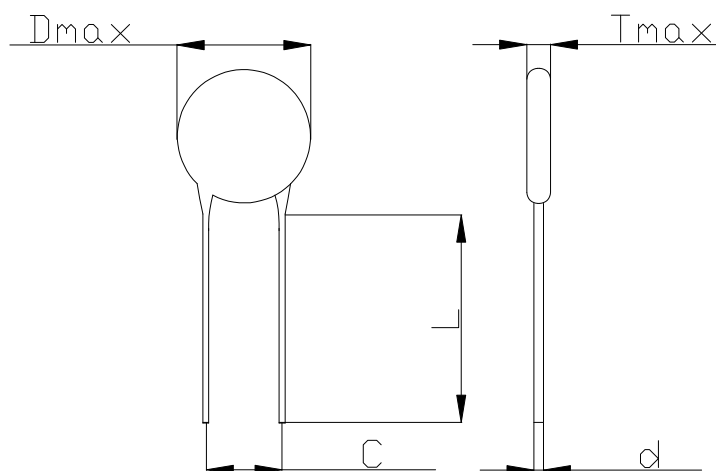
SPECIFICATION FOR APPROVAL

承 认 书

客户名称 (CUSTOMER):	
产品名称 (PRODUCT ITEM):	NTC THERMISTORS
客户料号 (CUSTOMER PART NO.):	
规格型号 (PART NO.):	MF11 600 5%
文件编号 (FILE NO.):	KAY-NTC-121028
编制日期 (DATE):	2023-11-24

客户确认(CUSTOMER CONFIRM)	批准 (APPROVE)
	审核 (CHECK)

1.Physical dimensions:



规格	尺寸(mm)				
	Dmax	Lmax	C+/-1	Tmax	d+/-0.5
Φ5	6.5	25	5.0	5	0.45

2.ENVELOPMENT AND LEAD WIRE:

Envelopment material: bakelite

lead wire:cp lead

3. ELECTRICAL CHARACTERISTICS:

Resistance at 25℃ (ohm): 60ohm ±5% (61~65ohm)

B Value(K25/85): 2800±10%

Thermal dissipation constant: 13mw/℃

Thermal time constant: 30sec

Temperature range: -40~170℃

VAST POWER ENTERPRISE CO.,LIMITED.

4.RELIABILITY TEST:

	Ltem	Specifications	Test condition
4.1	Solderability	More than 95% of termination Should be covered with new solder	Temperature: 235+/-2℃ Solder:Sn:pb=60:40 Duration:2+/-2.5s
4.2	Resistance to soldering heat	No evidence of damage △ R/R≤+/-3% △ B/B≤+/-2%	Temperature: 235+/-2℃ Solder:Sn:pb=60:40 Duration:5+/-0.5s
4.3	Resistance value	Ω+/-10%	Test voltage:1.5VDC Temperature: 25+/-1℃
4.4	Temperature shock	No evidence of damage △ R/R≤+/-3% △B/B≤+/-2%	Temperature: -40℃~170℃ 5 cycles 30min for each
4.5	Storage temperature	No evidence of damage Insulation resistance≥100MΩ △ R/R≤+/-3% △B/B≤+/-2%	Subjected at the following temperature: 1. 180+/-2℃ for 48hours 2. -62+/-2℃ for 3hours
4.6	Withstanding current shock	No evidence of damage △ R/R≤+/-3% △B/B≤+/-2%	Temperature: 25+/-2℃ Current: A
4.7	Dielectric withstanding voltage	No evidence of damage or flash over No discharge during test	Apply 700VAC voltage between termination for one second Current allowable value: 5mA
4.8	Temperature shock	No evidence of damage △ R/R≤+/-3% △B/B≤+/-2%	Temperature: -55℃~170℃ 5 cycles 30min for each
4.9	Storage temperature	No evidence of damage Insulation resistance≥100MΩ △ R/R≤+/-3% △B/B≤+/-2%	Subjected at the following temperature: 3. 180+/-2℃ for 48hours 4. -62+/-2℃ for 3hours
4.10	Withstanding current shock	No evidence of damage △ R/R≤+/-3% △B/B≤+/-2%	Temperature: 25+/-2℃ Current: A