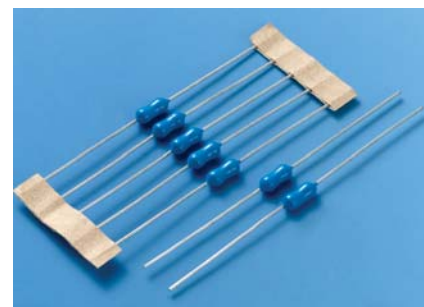


Type VF263

3.18ØX9mm

Very Fast-Acting Fuse Series



Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
VF263 .063	63mA	(62mA*)	4.8750	0.0002
VF263 .125	125mA		1.6324	0.0025
VF263 .250	250mA		0.3151	0.0438
VF263 .500	500mA		0.2681	0.1052
VF263 .750	750mA		0.1492	0.0767
VF263 001	1A		0.1045	0.0920
VF263 1.25	1.25A		0.0716	0.1603
VF263 1.50	1.5A		0.0644	0.3820
VF263 002	2A		0.0461	0.7414
VF263 2.50	2.5A		0.0357	1.1883
VF263 003	3A		0.0276	1.6511
VF263 3.50	3.5A		0.0219	2.3587
VF263 004	4A		0.0187	3.0269
VF263 005	5A		0.0144	5.5630
VF263 06.3	6.3A		0.0097	8.2384
VF263 007	7A		0.0091	10.051
VF263 010	10A		0.0054	30.154
VF263 012	12A		0.0050	36.426
VF263 015	15A		0.0031	75.315

* UL:62mA
IEC:63mA

■ Approval

Recognized Component for Canada and U.S.
TUV 63mA~5A

62mA~15A
Pending

■ Electrical Characteristic

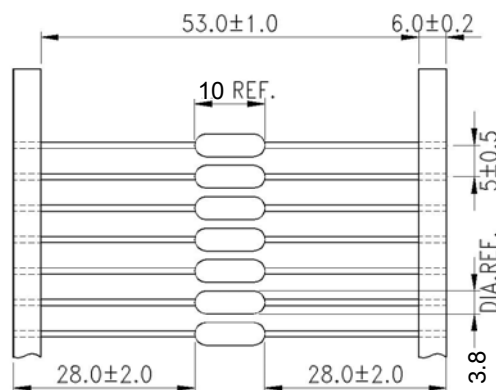
Rated Current	1 In	2 In	2.75 In	4 In	10 In
	MIN	MAX	MAX	MAX	MAX
62mA~5A	4 hr	1 sec	300 ms	30 ms	4 ms
5.1A~7A	4 hr	1 sec	300 ms	30 ms	4 ms
10A	4 hr	3 sec	300 ms	30 ms	4 ms
12A~15A	4 hr	10 sec	300 ms	30 ms	4 ms

■ Interrupting Rating

62mA~10A: 50 amperes at 250V DC

62mA~15A: 50 amperes at 250VAC

■ Mechanical Dimension



■ Physical Specification

Material

Encapsulated, Epoxy-Coated Body; Solder Coated Copper Wire Leads.

Lead Wire: Diameter 0.65mm, 10A and Less

Diameter 0.8mm, 12A and 15A

Packaging

1. On Axial Tape
2,000 pcs per reel.
2. Tape & Box specification :
@5mm Pitch and 53mm inside Tape Spacing.

■ Environmental Specification

Operating Temperature

-55°C to +125°C

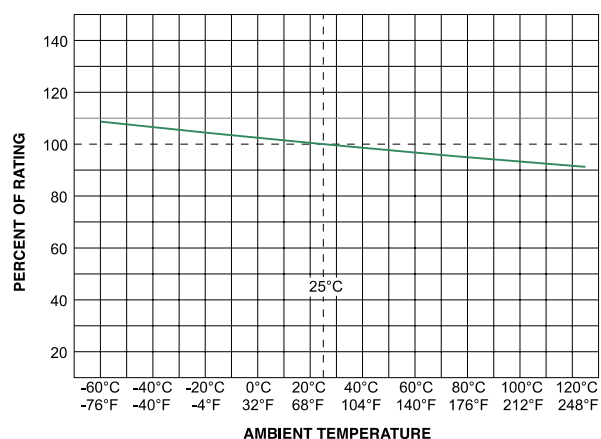
Vibration

MIL-STD-202G, Method 201(10-55 Hz); Method 204, Test Condition C (55-200 Hz at 10G's Perk).

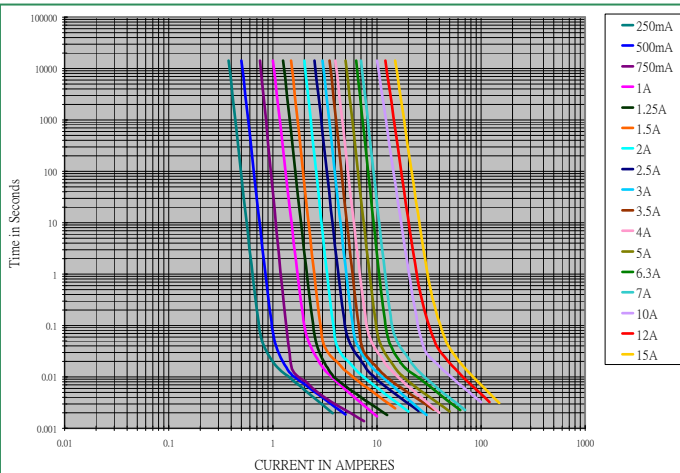
MoistureResistance

MIL-STD-202G, Method 106.

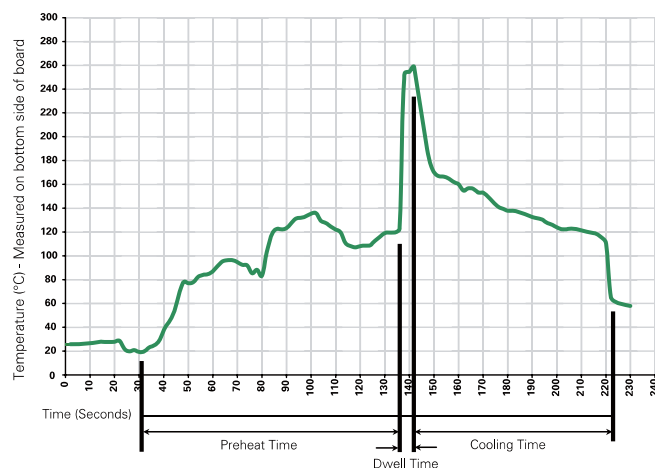
Temperature Derating Curve



Average Time Current Curves



Soldering Parameters



Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	
Temperature Minimum:	100° C
Temperature Maximum:	150° C
Preheat Time:	60-180 seconds
Solder Pot Temperature:	
	260° C Maximum
Solder Dwell Time:	
	2-5 seconds

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350° C +/- 5°C
Heating Time: 5 seconds max.

Note: These devices are not recommended for IR or Convection Reflow process.

Part Numbering System

