

Type XH437/XH437-R

5ØX20mm



Fast Acting Glass Body Cartridge Fuse



E357828



Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Voltage Drop (mv)MAX	Nominal Melting I ² t A ² Sec
VF217/VF217-P .032	32mA	250V or less	264.20	10000	0.00018
VF217/VF217-P .040	40mA		184.10	8000	0.00021
VF217/VF217-P .050	50mA		15.170	7000	0.00050
VF217/VF217-P .063	63mA		10.430	5000	0.00057
VF217/VF217-P .080	80mA		7.7812	4000	0.00134
VF217/VF217-P .100	100mA		6.0125	3500	0.00288
VF217/VF217-P .125	125mA		3.8281	2000	0.00479
VF217/VF217-P .160	160mA		2.5510	2000	0.01003
VF217/VF217-P .200	200mA		1.7120	1700	0.02089
VF217/VF217-P .250	250mA		1.2370	1400	0.04106
VF217/VF217-P .315	315mA		0.8181	1300	0.11505
VF217/VF217-P .400	400mA		0.2920	1200	0.12400
VF217/VF217-P .500	500mA		0.2070	1000	0.22257
VF217/VF217-P .630	630mA		0.1924	650	0.41712
VF217/VF217-P .800	800mA		0.1202	240	0.85481
VF217/VF217-P 001	1A		0.0950	200	1.04898
VF217/VF217-P 1.25	1.25A		0.0762	200	2.27974
VF217/VF217-P 1.60	1.6A		0.0526	190	4.62649
VF217/VF217-P 002	2A		0.0417	170	5.84254
VF217/VF217-P 2.50	2.5A		0.0353	170	9.54225
VF217/VF217-P 3.15	3.15A	0.0229	150	17.5987	
VF217/VF217-P 004	4A	0.0167	130	29.1050	
VF217/VF217-P 005	5A	0.0138	130	42.8153	
VF217/VF217-P 6.30	6.3A	0.0098	130	62.4821	
VF217/VF217-P 008	8A	0.0071	130	198.800	
VF217/VF217-P 010	10A	0.0066	130	217.612	
VF217/VF217-P 12.5	12.5A	0.0053	130	256.002	
VF217/VF217-P 015	15A	0.0041	130	601.240	

Approval

Recognized Component for Canada and U.S.	0.032~15A
TUV	Pending
CCC	Pending

Electrical Characteristic

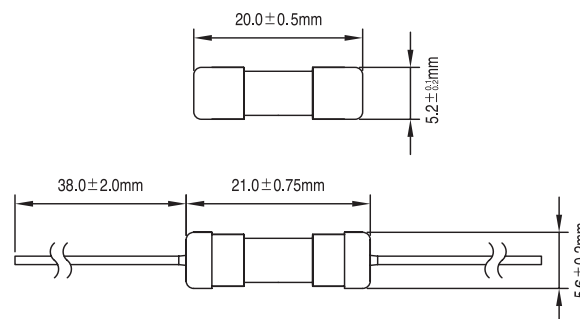
(IEC-60127-2 STANDARD SHEET1)

Rated Current	1.5In		2.1In		2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
32mA~100mA	60 min	30 min	10 ms	5 sec	3 ms	100 ms	20 ms			
125mA~6.3A	60 min	30 min	50 ms	2 sec	10 ms	300 ms	20 ms			
8A~15A	30 min	30 min	50 ms	2 sec	10 ms	400 ms	40 ms			

Interrupting Rating

32mA~15A: 35 amperes or 10In at 250V AC.

Mechanical Dimension



Physical Specification

Material

Glass body / Nickel Plated Brass Caps
Lead Wire:
Diameter Ø0.65mm 5A and less.
Diameter Ø0.8mm for rating above 6.3A.

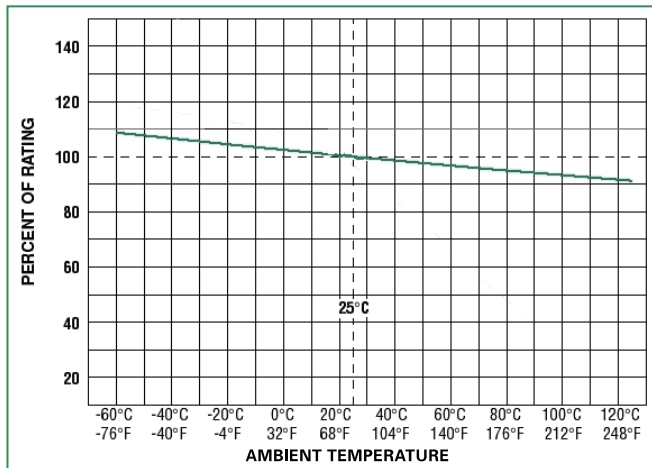
Packaging

In Bulk:
VF217-500 pcs ; VF217-P-300 pcs per box

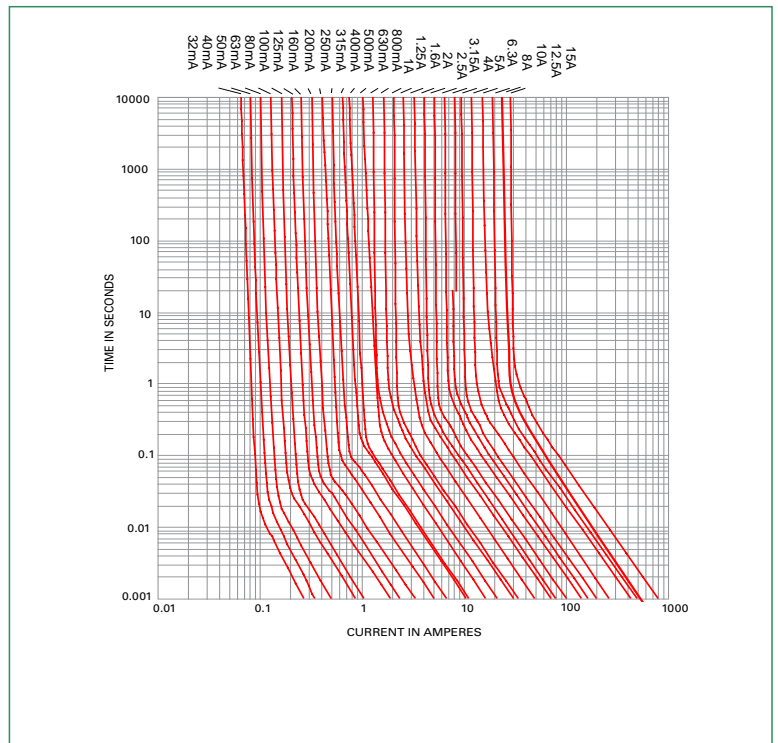
Environmental Specification

Operating Temperature -55°C to +125°C

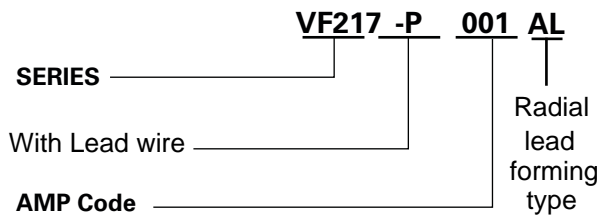
Temperature Derating Curve



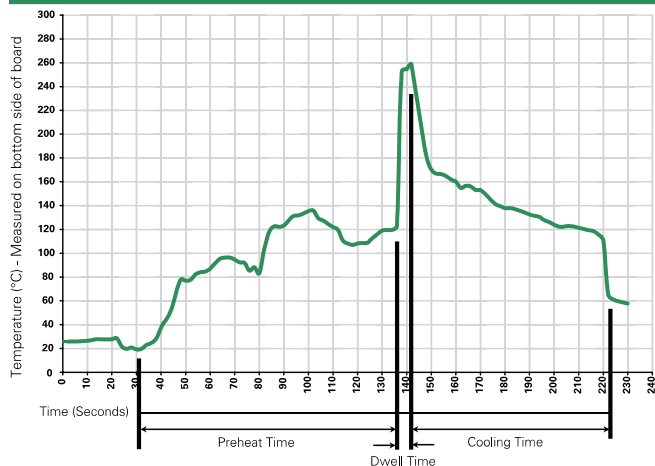
Average Time Current Curves



Part Numbering System



Soldering Parameters



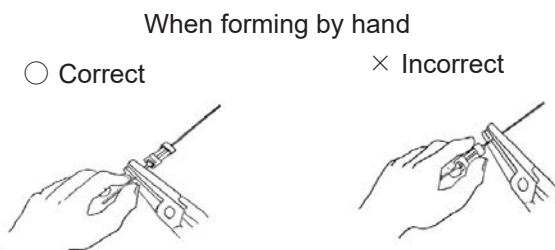
Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
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

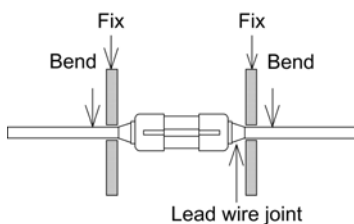
Recommended Hand-Solder Parameters:

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

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



When forming with forming dies



For reference only

