RoHS COMPLIANT

PS2 SMD SMART PROTECTOR

PS2 models use a Cu alloy fusing element with FeCuSn end plates housed in a ceramic body and sealed with inorganic molding. These models have UL approval. File number: E238986 for 1-15A. They are also RoHS compliant. Applications include: LCD inverters.

■ GENERAL SPECIFICATIONS

Catalog Number	Ampere Rating(A)	Voltage Rating(V)	Nominal Resistance Cold ohms(Ω)
1A00	1.00	125	0.165
2A00	2.00		0.063
2A50	2.50		0.052
3A15	3.15		0.040
4A00	4.00		0.032
5A00	5.00		0.020
6A30	6.30		0.018
7A00	7.00		0.015
8A00	8.00		0.011
10A0	10.00		0.008
12A0	12.00		0.006
15A0	15.00		0.004

■ CHARACTERISTICS

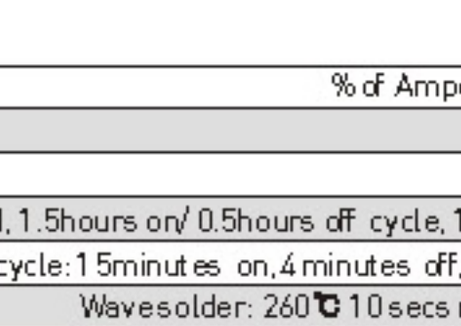
Open	Opening time	% of Ampere Rating
	4 hours minimum	100%
	10 seconds maximum	200%
Dump heat, steady state	±(5%+0.1Ω)	25±1℃, 90~95%RH, 1.5hours on/ 0.5hours off cycle, 1000hours
Endurance	±(10%+0.1Ω)	1 cycle: 15minutes on, 4 minutes off, 100 cycle
Soldering method		Wave solder: 260℃ 10 secs maximum
Insulation	The insulation resistance between fuse terminals shall be 0.1 MΩ minimum measured by 500V dc insulation tester	100 cycle of rated current (DC.) carry for 1 hour, then switch off for 15minutes. Followed by 1 hour at 1.5hours

■ ELECTRICAL CHARACTERISTICS

% of Ampere Rating	Opening Time
100%	4 hours, minimum
200%	10seconds minmum

■ DIMENSIONS [mm]

Model	Dimension(mm)					
	L±0.5	W±0.3	T±0.3	A±0.3	B±0.5	D±1.8
PS2	6.3	3.3	2.8	1.4	1.2	1.8



■ ORDERING PROCEDURE EXAMPLE

PS2 — Model #

125 — Voltage Rating: 125:125V

S — Style: S: SMD Type

E — Electrical Characteristics: F: Fast acting

1A00 — Ampere Rating: 1A00: 1A