

Type 12CT

3.1 mm x 1.6 mm (1206)
Time Lag Fuse Series



Approvals

UL Recognized 0.2A ~ 7A

Electrical Characteristics

Rated Current	1 In	2 In	3 In
	MIN	MAX	MAX
0.2A ~ 7A	4hr	120 sec	3 Sec

Environmental Temp at 25°C

Interrupting Ratings

50 amperes at 32V AC

50 amperes at 63V DC

Environmental Specification

Operating Temperature

-55°C to +125°C

Thermal Shock

MIL-STD-202G, Method 213, Condition 1
(100G's peak for 6 milliseconds)

Vibration

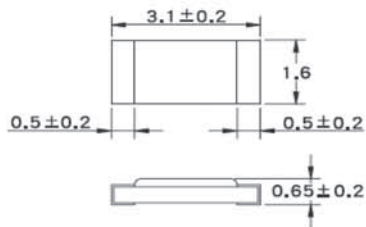
MIL-STD-202G, Method 204, Test Condition C

Moisture Resistance

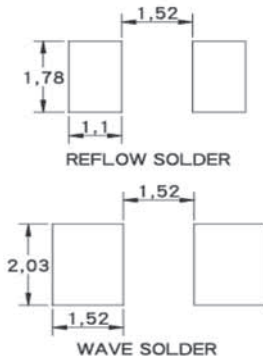
MIL-STD-202G, Method 106, 10 day cycle.

Cartridge Catalog Number	Marking	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
12CT .200	C	200 mA	63V	1.750	0.004
12CT .250	D	250 mA		1.100	0.006
12CT .375	E	375 mA		0.480	0.015
12CT 500	F	500 mA		0.370	0.027
12CT 750	G	750 mA		0.160	0.062
12CT 001	H	1A		0.100	0.111
12CT 1.25	J	1.25 A		0.068	0.173
12CT 1.50	K	1.5 A		0.044	0.249
12CT 1.75	L	1.75 A		0.038	0.339
12CT 002	N	2 A		0.031	0.444
12CT 2.50	O	2.5 A		0.024	0.693
12CT 003	P	3 A		0.017	0.999
12CT 004	S	4 A		0.013	1.776
12CT 005	T	5 A		0.008	2.775
12CT 007	U	7 A	0.006	5.493	

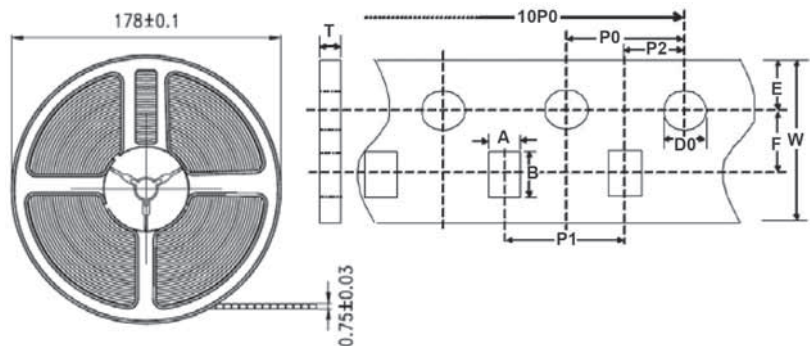
Dimensions



Recommended Land Pattern



Tape and Reel Specifications



Item	A	B	W	E	F	P ₀	P ₁	P ₂	D ₀	T	10P ₀
Criterion	2.000	3.500	3000	1.750	3.500	4.000	4.000	2.000	1.550	0.750	40.000
Max.	2.050	3.550	8.100	1.800	3.550	4.100	4.100	2.050	1.600	0.780	40.100
Min.	1.950	3.450	7.900	1.700	3.450	3.900	3.900	1.950	1.500	0.720	39.900

Tape & Reel Quantity: 5000 pcs/reel

Materials

Construction Body Material: Ceramic

Termination Material: Copper(Cu), Nickel(Ni), Tin(Sn)

Fuse Element: Copper(Cu), Tin(Sn)