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[MC12CF 003](#)

[MC12CF 1.50](#)

[MC12CF 007](#)

[MC12CF 005](#)

[MC12CF 2.50](#)

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This Datasheet is presented by
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DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

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Cette fiche technique est
présentée par le fabricant



Approvals

UL recognized 0.2 A to 7 A

Electrical Characteristics

Rated Current	1 Inches Minimum	2 Inches Maximum	3 Inches Maximum
0.2 A to 7 A	4 Hours	5 Seconds	0.2 Seconds

Environmental Temperature at 25°C

Interrupting Ratings:

50 A at 32 V ac
50 A at 63 V dc

Environmental Specifications:

Operating Temperature

-55°C to +125°C

Thermal Shock

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

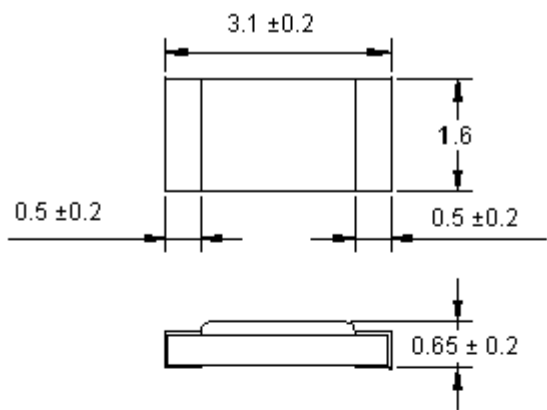
Vibration

MIL-STD-202G, method 204, test condition C

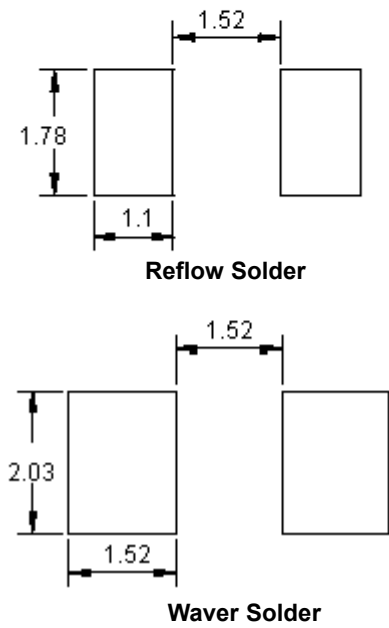
Moisture Resistance

MIL-STD-202G, method 106, 10 day cycle

Dimensions



Recommended Land Pattern



Dimensions : Millimetres

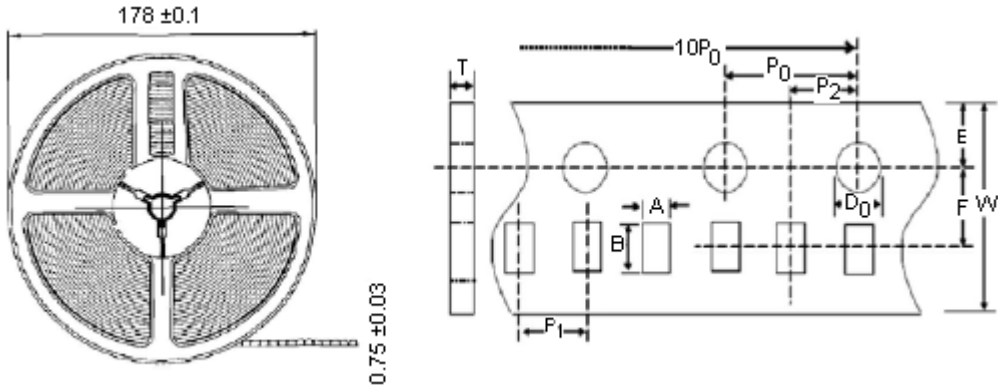
Materials:

Construction Body Material	: Ceramic
Termination Material	: Copper (Cu), Nickel (Ni), Tin (Sn)
Fuse Element	: Copper (Cu), Tin (Sn)

Specification Table

Description	Marking	Amperes Rating (Inches)	Voltage Rating (V)	Nominal Resistance Cold Ω	Nominal Melting I^2t A ² Seconds	Part Number
Fuse, SMD, 1206, 0.2 A	C	200 mA	63 V	2.3	0.001	MC12CF.200
Fuse, SMD, 1206, 0.25 A	D	250 mA		1.3	0.005	MC12CF.250
Fuse, SMD, 1206, 0.375 A	E	375 mA		0.65	0.01	MC12CF.375
Fuse, SMD, 1206, 0.5 A	F	500 mA		0.44	0.022	MC12CF.500
Fuse, SMD, 1206, 0.75 A	G	750 mA		0.25	0.036	MC12CF 750
Fuse, SMD, 1206, 1 A	H	1 A		0.125	0.052	MC12CF 001
Fuse, SMD, 1206, 1.25 A	J	1.25 A		0.083	0.083	MC12CF 1.25
Fuse, SMD, 1206, 1.5 A	K	1.5 A		0.051	0.195	MC12CF 1.50
Fuse, SMD, 1206, 1.75 A	L	1.75 A		0.043	0.263	MC12CF 1.75
Fuse, SMD, 1206, 2 A	N	2 A		0.036	0.488	MC12CF 002
Fuse, SMD, 1206, 2.5 A	O	2.5 A		0.027	0.524	MC12CF 2.50
Fuse, SMD, 1206, 3 A	P	3 A		0.022	0.758	MC12CF 003
Fuse, SMD, 1206, 4 A	S	4 A		0.015	0.933	MC12CF 004
Fuse, SMD, 1206, 5 A	T	5 A		0.011	1.032	MC12CF 005
Fuse, SMD, 1206, 7 A	U	7 A		0.007	2.555	MC12CF 007

Tape and Reel Specifications



Dimensions : Millimetres

Item	A	B	W	E	F	P ₀	P ₁	P ₂	D ₀	T	10P ₀
Criterion	2 0.05 -0.05	3.5 0.05 -0.05	8 0.1 -0.1	1.75 0.05 -0.05	3.5 0.05 -0.05	4 0.1 -0.1	4 0.1 -0.1	2 0.05 -0.05	1.55 0.05 -0.05	0.75 0.03 -0.03	40 0.1 -0.1
Maximum	2.05	3.55	8.1	1.8	3.55	4.1	4.1	2.05	1.6	0.78	40.1
Minimum	1.95	3.45	7.9	1.7	3.45	3.9	3.9	1.95	1.5	0.72	39.9

Tape and Reel Quantity : 5,000 pcs / reel

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