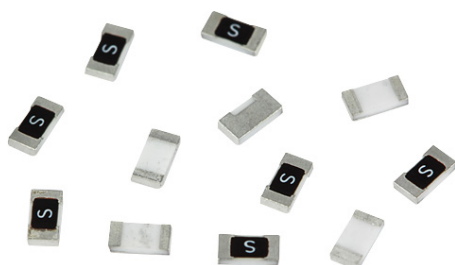


RoHS
Compliant



Electrical Characteristics

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

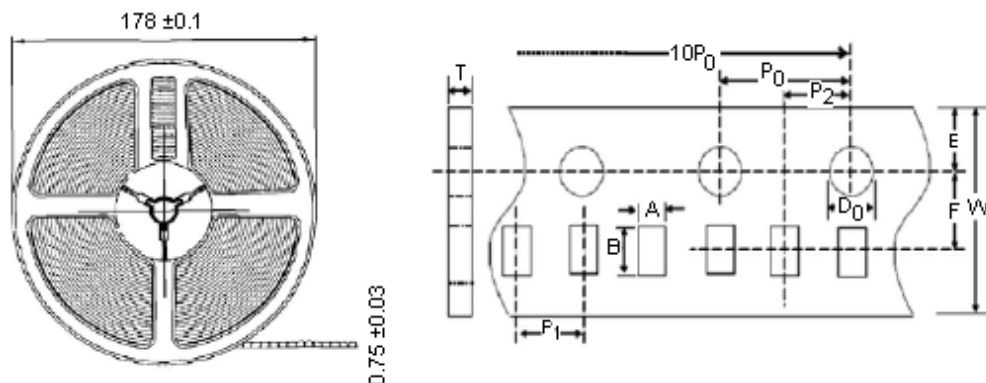
Specifications

Interrupting Ratings	: 50A at 32V AC 50A at 63V DC
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
Construction Body Material	: Ceramic
Termination Material	: Copper (Cu), Nickel (Ni), Tin (Sn)
Fuse Element	: Copper (Cu), Tin (Sn)
Approvals	: UL recognized 0.2A to 7A

Specification Table

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

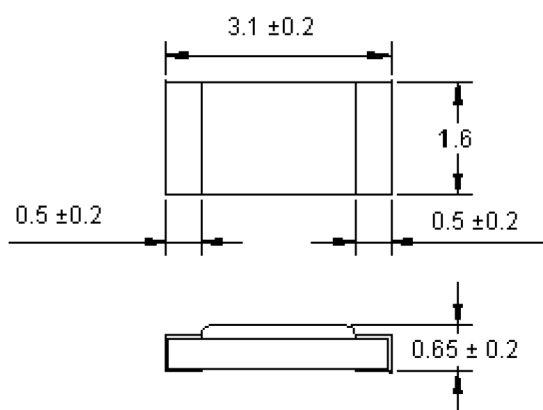
Tape and Reel Specifications



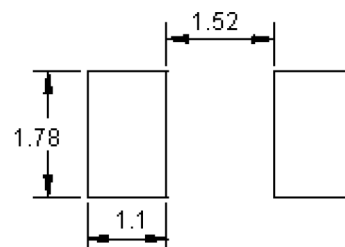
Item	A	B	W	E	F	P ₀	P ₁	P ₂	D ₀	T	10P ₀
Criterion	2 0.05 -0.05	3.5 0.05 -0.05	8 0.1 -0.1	1.75 0.05 -0.05	3.5 0.05 -0.05	4 0.1 -0.1	4 0.1 -0.1	2 0.05 -0.05	1.55 0.05 -0.05	0.75 0.03 -0.03	40 0.1 -0.1
Maximum	2.05	3.55	8.1	1.8	3.55	4.1	4.1	2.05	1.6	0.78	40.1
Minimum	1.95	3.45	7.9	1.7	3.45	3.9	3.9	1.95	1.5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

Dimensions : Millimetres

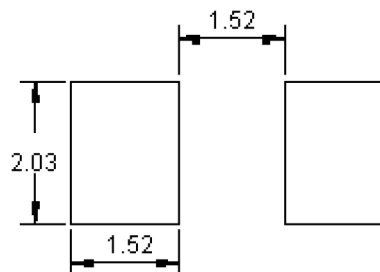
Diagram



Recommended Land Pattern



Reflow Solder



Waver Solder

Dimensions : Millimetres

Part Number Table

Description	Part Number
Fuse, SMD, 1206, 0.2A	MC12CF.200
Fuse, SMD, 1206, 0.25A	MC12CF.250
Fuse, SMD, 1206, 0.375A	MC12CF.375
Fuse, SMD, 1206, 0.5A	MC12CF.500
Fuse, SMD, 1206, 0.75A	MC12CF 750
Fuse, SMD, 1206, 1A	MC12CF 001
Fuse, SMD, 1206, 1.25A	MC12CF 1.25
Fuse, SMD, 1206, 1.5A	MC12CF 1.50
Fuse, SMD, 1206, 1.75A	MC12CF 1.75
Fuse, SMD, 1206, 2A	MC12CF 002
Fuse, SMD, 1206, 2.5A	MC12CF 2.50
Fuse, SMD, 1206, 3A	MC12CF 003
Fuse, SMD, 1206, 4A	MC12CF 004
Fuse, SMD, 1206, 5A	MC12CF 005
Fuse, SMD, 1206, 7A	MC12CF 007

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