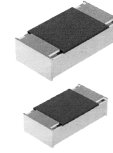




Surface Mount Thin Film Flat Chip Fuses

MFU Series Specifications

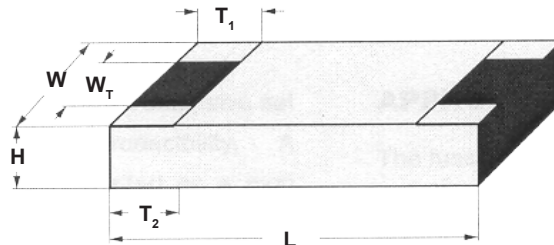


Part Number Determination

MFU0603FF0100P100					
MFU	0603	FF	01000	P1	00
TYPE	SIZE CODE	FUSE CHARACTERISTIC	RATED CURRENT VALUE	PACKAGING	SPECIAL
MFU = Metal Film Fuse	0603 0805	FF = Very Quick Acting	Rated current value in mA. examples: 00500 = 0.5 A 01000 = 1.0 A 06300 = 6.3 A	4mm pitch E1 = 1000 units (0402 only) E5 = 5000 units E0 = 10000 units P1 = 1000 units (0603, 0805, 1206 case sizes) PW = 2000 units P5 = 5000 units	up to 2 digits 00 = standard

Package Dimensions

TYPE	H (mm)	L (mm)	W (mm)	WT (mm)	T1 (mm)	T2 (mm)	MASS (mg)
MFU 0603	0.45 + 0.1/-0.05	1.55 ± 0.05	0.85 ± 0.1	> 75 % of W	0.3 + 0.15/-0.2	0.3 + 0.15/-0.2	1.9
MFU 0805	0.45 + 0.1/-0.05	2.0 ± 0.1	1.25 ± 0.15	> 75 % of W	0.4 + 0.1/-0.2	0.4 + 0.1/-0.2	4.6



Electrical Characteristics

TYPE	Metric size	Rated Current range I_R	Rated voltage, U_{max} AC/DC	Breaking Capacity, I_{max} at U_{max} AC/DC	Voltage drop at $1 \times I_R$	Cold Resistance at $0.1 \times I_R$	Climatic category (LCT/UCT/days)	Permissible continuous current rating at I_{amb}	Approvals
MFU 0603	RR1608M	0.5A to 4A	32V	50A at 32V	129mV to 511mV	23mΩ to 730mΩ	55/125/56	$0.7 \times I_R$	UL/IEC in preparation
MFU 0805	RR2012M	0.5A to 4A	50V	50A at 32V	130mV to 518mV	23mΩ to 740mΩ	55/125/56	$0.7 \times I_R$	UL/IEC in preparation