



## Surface Mount Thin Film Resistors

### 2312 Series Specifications



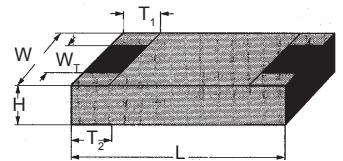
#### Part Number Determination

2312-241-76193				
2312	241	7	619	3
SERIES	SIZE & TEMP COEF	TOLERANCE	RESISTANCE VALUE	RESISTANCE DECADE
Thin Film Resistor	261=0402, 25ppm 262=0402, 15ppm 263=0402, 10ppm	6=±0.25% 7=±0.1%	3 Significant digits	1=100 - 976 2=1K - 9.76K 3=10K - 97.6K 4=100K
	201=0603, 25ppm 202=0603, 15ppm 203=0603, 10ppm			
	241=0805, 25ppm 242=0805, 15ppm 243=0805, 10ppm			

MCS04020D1003BE100							
MCS	0402	0	D	1003	B	E1	00
SERIES	SIZE	SPECIAL CHARACTER	TC	RESISTANCE VALUE	TOLERANCE	PACKAGING	SPECIAL
MCS MCT MCU MCA	0402 0603 0805 1206	0 = neutral	F=±10 ppm/K E=±15 ppm/K D=±25 ppm/K	3 digits value 1 digit multiplier  MULTIPLIER 7=10 <sup>-3</sup> 2=10 <sup>2</sup> 8=10 <sup>-2</sup> 3=10 <sup>3</sup> 9=10 <sup>-1</sup> 4=10 <sup>4</sup> 0=10 <sup>0</sup> 5=10 <sup>5</sup> 1=10 <sup>1</sup> 6=10 <sup>6</sup>	B=±0.1% C=±0.25%	E1=1K reel E0=10K reel (0402 only)  P1=1K reel P5=5K reel PW=20K reel (0603,0805,1206)	up to 2 digits 00 = standard

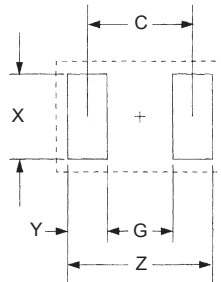
#### Package Dimensions (mm)

Series	H	L	WT	W	T1	T2	Mass (mg)	
2312-261	MCS0402	0.32 ±0.05	1.0 ±0.05	>75% of W	0.5 ±0.05	0.2 +0.1/-0.15	0.2 ±0.1	0.6
2312-201	MCT0603	0.45 +0.1/-0.05	1.55 ±0.05	>75% of W	0.85 ±0.1	0.3 +0.15/-0.2	0.3 +0.15/-0.2	1.9
2312-241	MCU0805	0.45 +0.1/0.05	2.0 ±0.1	>75% of W	1.25 ±0.15	0.4 +0.1/-0.2	0.4 +0.1/-0.2	4.6



#### Land Pattern (mm)

Case Size	0603	0805
EIA Size	1608	2012
Z	2.80	3.20
G	0.60	0.60
X	1.00	1.50
Y	1.10	1.30
C	1.70	1.90



#### Construction

