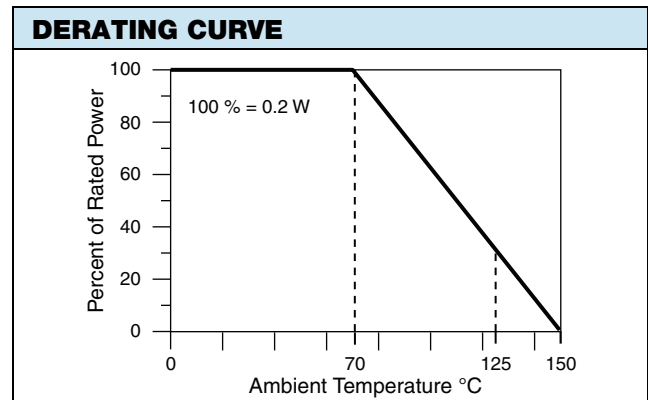


DIMENSIONS AND IMPRINTING in inches and millimeters				
DIMENSION	INCHES		MILLIMETERS	
	MIN.	MAX.	MIN.	MAX.
A	0.031	0.040	0.79	1.02
A1	0.001	0.004	0.02	0.10
B	0.105	0.120	2.67	3.05
S	0.071	0.079	1.80	2.00
W	0.015	0.021	0.38	0.54
L	0.083	0.098	2.10	2.50
H	0.047	0.055	1.20	1.40
T	0.005	0.010	0.13	0.25
J	0.0035	0.0059	0.089	0.15
K	0.017	0.022	0.44	0.55
Ø	0	8°	0	8°

MECHANICAL SPECIFICATIONS	
Resistive Element	Passivated nichrome
Substrate Material	Silicon
Body	Molded epoxy
Terminals	Copper alloy
Lead (Pb)-free Option	100 % matte tin
Tin Lead Option	Sn85
Tin Lead and Lead (Pb)-free Finish	Plated



GLOBAL PART NUMBER INFORMATION														
New Global Part Numbering: <b>MPM1003AWS</b>														
M	P	M		1	0	0	3		A	W	S			
M	P	M	T	1	0	0	1	5	0	0	1	A	T	1
GLOBAL MODEL (3 or 4 digits)			RESISTANCE (4 or 8 digits)				TOLERANCE AND RATIO TOLERANCE			PACKAGING				
<b>MPM</b> (Tin lead)  <b>MPMT</b> (Lead (Pb)-free) (e3)			First 3 digits are significant figures and the last digit specifies the number of zeros to follow. When like values are required use total resistance. When dual values are required list both values.  Example: (List R <sub>1</sub> first in part number with dual values) 1002 = 10K (5K/5K) 1003 = 100K (50K/50K) 10011002 = 1K/10K divider				Abs. Tol.      Ratio <b>A</b> = 0.1 %      0.05 % <b>B</b> = 0.1 %      0.1 % <b>C</b> = 0.25 %      0.1 % <b>D</b> = 0.5 %      0.1 % <b>F</b> = 1 %      0.5 % <b>Z</b> = 0.1 % <sup>(1)</sup> 0.025 % <b>Q</b> = 0.05 % <sup>(1)</sup> 0.01 %			<b>BS</b> = BULK 100 min., 1 mult <b>WS</b> = WAFFLE 100 min., 1 mult  TAPE AND REEL <b>T0</b> = 100 min., 100 mult <b>T1</b> = 1000 min., 1000 mult <sup>(2)</sup> <b>T3</b> = 300 min., 300 mult <b>T5</b> = 500 min., 500 mult <b>TF</b> = Full reel 4000 <b>TS</b> = 100 min., 1 mult				
Historical Part Number example: <b>MPM1002BW</b> (for reference purposes only)														
MPM			1002				B			W				
SERIES			RESISTANCE				TOLERANCE AND RATIO TOLERANCE			PACKAGING				

**Notes**

- <sup>(1)</sup> Tol. available 1K and up equal values only  
<sup>(2)</sup> Preferred packaging code



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