

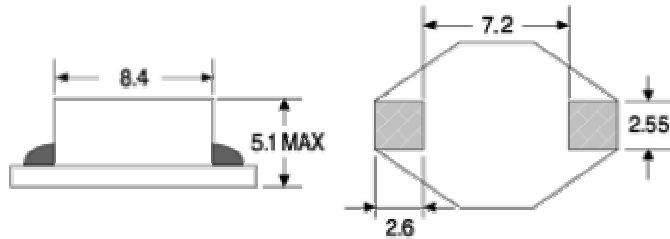
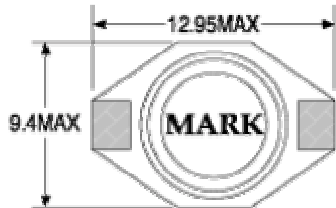
# WPI 8040 SERIES

Frequency range : 0.1uH ~ 10mHz

Inductance range : 1uH ~ 1000uH



- . Surface mountable device
- . Low profile
- . Excellent performance & cost effective
- . Tape & reel for auto - placement



Part NO	Inductance $\mu\text{H} \pm 20\%$	DC Resistance $\text{m}\Omega$ max	Rated Current A max
WPI - 8040 - 1R0M	1	0.009	9
WPI - 8040 - 1R5M	1.5	0.01	8
WPI - 8040 - 2R2M	2.2	0.012	7
WPI - 8040 - 3R3M	3.3	0.015	6
WPI - 8040 - 4R7M	4.7	0.018	4.9
WPI - 8040 - 6R8M	6.8	0.027	4.1
WPI - 8040 - 100M	10	0.038	3.3
WPI - 8040 - 150M	15	0.046	2.7
WPI - 8040 - 220M	22	0.058	2.3
WPI - 8040 - 330M	33	0.1	1.8
WPI - 8040 - 470M	47	0.14	1.6
WPI - 8040 - 680M	68	0.2	1.3
WPI - 8040 - 101M	100	0.28	1.1
WPI - 8040 - 151M	150	0.4	0.9
WPI - 8040 - 221M	220	0.61	0.7

- . Tested at 100KHz, 0.05V
- . Operating temperature range  $-40^{\circ}\text{C}$  to  $+ 85^{\circ}\text{C}$ .
- . Inductance measured by HP4192A.
- . Inductance drop = 10% typ. at rated current.

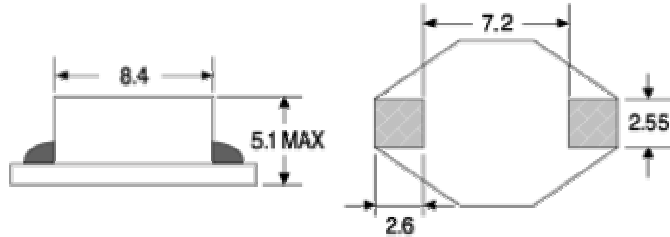
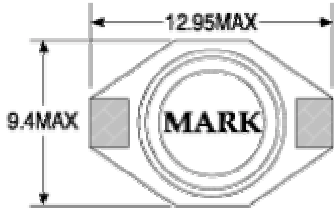
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Part NO	Inductance $\mu\text{H} \pm 20\%$	DC Resistance $\text{M}\Omega$ max	Rated Current A max
WPI - 8040 - 331M	330	1.02	0.6
WPI - 8040 - 471M	470	1.27	0.45
WPI - 8040- 681M	680	2.02	0.4
WPI - 8040 - 102M	1000	3	0.3

- . Tested at 100KHz,
- . Operating temperature range  $-40^{\circ}\text{C}$  to  $+ 85^{\circ}\text{C}$ .
- . Inductance measured by HP4192A.
- . Inductance drop = 10% typ. at rated current.