



**MSR  
Electronics**

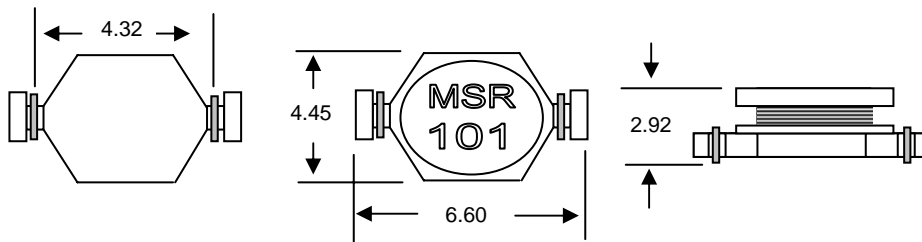


## SMD POWER INDUCTORS

**SERIES - MPD1608 (Unshielded)**

**RoHS**

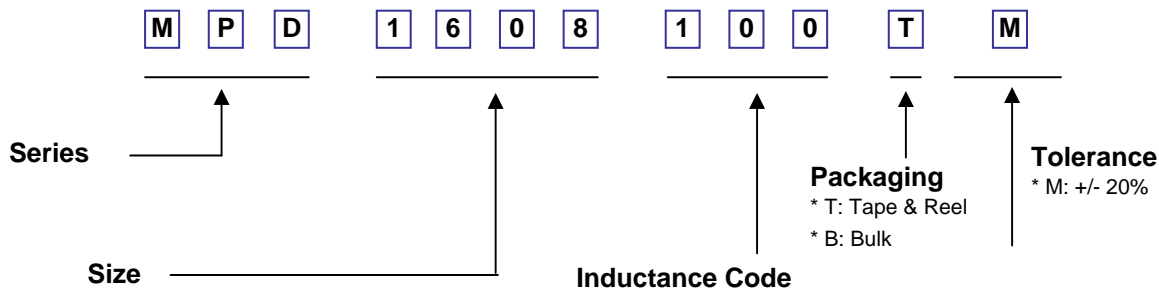
Compliant: Contact  
Factory for Copy of  
Test Report



### FEATURES:

- Storage Temp: -45 to +85 °C
- Operating Temp: -40 to +85 °C
- Inductance @ Saturation: 10% loss
- Temp: 15 °C rise is typical at I<sub>rms</sub>
- Dimensions (mm) Max

### PART NUMBER SYSTEM



Part Number	Inductance (uH) 100 KHz 0.1 Vrms	DC Resistance (Ohms max)	SRF (MHz) ref only	I <sub>rms</sub> (Amps rms)
MPD1608-1R0TM	1.000	0.05	130	2.90
MPD1608-1R5TM	1.500	0.05	115	2.80
MPD1608-2R2TM	2.200	0.07	90	2.40
MPD1608-3R3TM	3.300	0.08	70	2.00
MPD1608-4R7TM	4.700	0.09	50	1.50
MPD1608-6R8TM	6.800	0.13	45	1.40
MPD1608-100TM	10.00	0.16	35	1.20
MPD1608-150TM	15.00	0.23	30	1.00
MPD1608-220TM	22.00	0.27	20	0.80
MPD1608-330TM	33.00	0.51	15	0.60
MPD1608-470TM	47.00	0.64	14	0.50
MPD1608-680TM	68.00	0.86	11	0.40
MPD1608-101TM	100.0	1.27	9	0.30

Part Number	Inductance (uH) 100 KHz 0.1 Vrms	DC Resistance (Ohms max)	SRF (MHz) ref only	I rms (Amps rms)
MPD1608-151TM	150.0	2.00	6	0.25
MPD1608-221TM	220.0	3.11	5	0.20
MPD1608-331TM	330.0	3.80	5	0.16
MPD1608-471TM	470.0	5.06	4	0.15
MPD1608-681TM	680.0	9.20	3	0.12
MPD1608-102TM	1000.0	13.8	2	0.07

## GENERAL PARAMETERS: Layout, Schematic, Packaging

