



**MSR
Electronics**

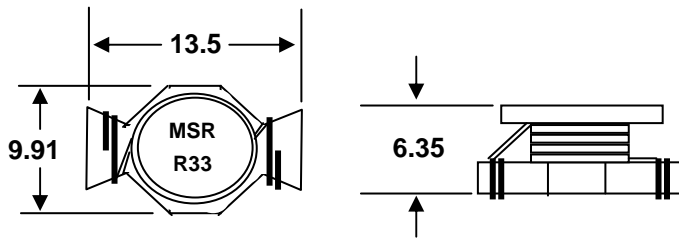


SMD HIGH CURRENT POWER INDUCTORS

SERIES - MHU3316 (Unshielded)

RoHS

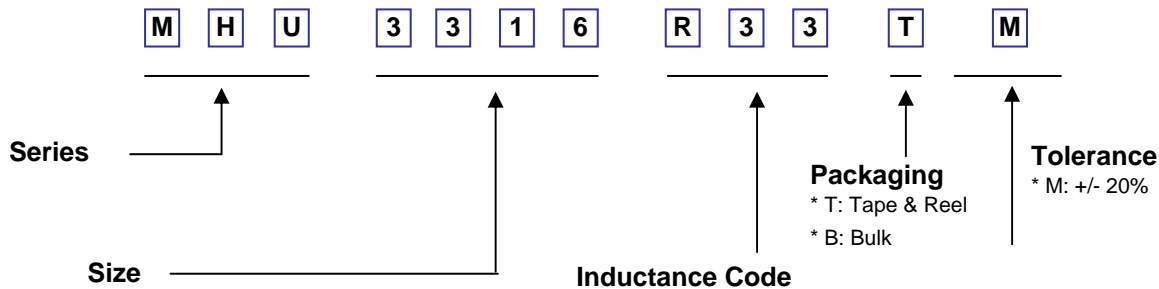
Compliant: Contact
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Test Report



FEATURES:

- Temp Rise: 40 °C Typical @ I_{rms}
- Storage Temp: -25 to +125 °C
- Operating Temp: -40 to +85 °C
- Inductance @ Saturation: 10% loss
- Dimensions (mm) Max

PART NUMBER SYSTEM



Part Number	Inductance (uH) 100 KHz 0.1 Vrms	DC Resistance (Ohms max)	I _{rms} AMPS	I _{sat} AMPS
MHU3316-R33TM	0.33	0.002	16.0	20.0
MHU3316-R68TM	0.68	0.005	12.0	13.0
MHU3316-1R0TM	1.0	0.006	10.0	11.0
MHU3316-1R5TM	1.5	0.008	9.0	9.0
MHU3316-2R2TM	2.2	0.011	7.4	7.8
MHU3316-2R7TM	2.7	0.012	6.6	7.0
MHU3316-3R3TM	3.3	0.014	5.9	6.4
MHU3316-4R7TM	4.7	0.018	4.8	5.4
MHU3316-5R6TM	5.6	0.022	4.6	5.0
MHU3316-6R8TM	6.8	0.027	4.4	4.6
MHU3316-8R2TM	8.2	0.032	4.0	4.0
MHU3316-100TM	10.0	0.038	3.9	3.8

GENERAL PARAMETERS: Layout, Schematic, Packaging

