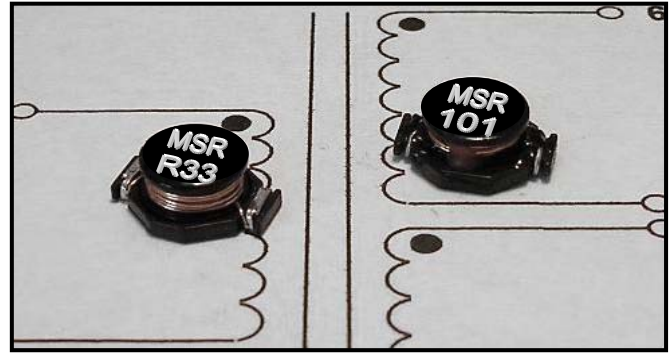




**MSR
Electronics**

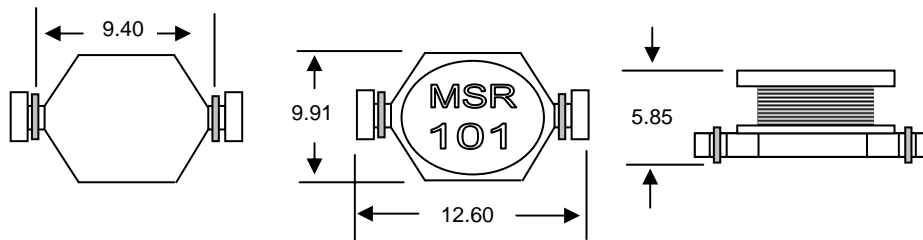


SMD POWER INDUCTORS

SERIES - MPD3316 (Unshielded)

RoHS

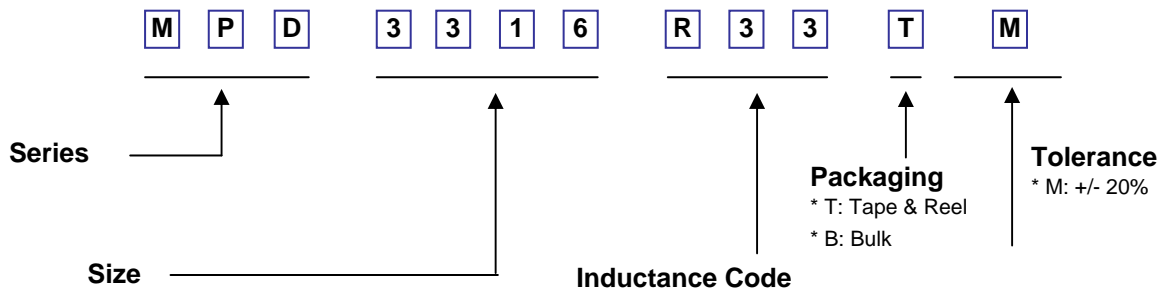
Compliant: Contact
Factory for Copy of
Test Report



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 rms
- High Current, Low DCR
- Dimensions (mm) Max

PART NUMBER SYSTEM



Part Number	Inductance (uH) 100 KHz 0.25 Vrms	DC Resistance (Ohms max)	I rms AMPS	I sat AMPS
MPD3316-R33TM	0.33	0.0024	17.00	19.00
MPD3316-R60TM	0.60	0.0032	12.00	14.00
MPD3316-1R0TM	1.00	0.0043	12.00	10.50
MPD3316-1R5TM	1.50	0.0090	9.50	10.10
MPD3316-2R2TM	2.20	0.0108	7.20	8.00
MPD3316-3R5TM	3.50	0.0150	5.90	6.80
MPD3316-4R7TM	4.70	0.0170	4.70	5.40
MPD3316-6R8TM	6.80	0.0290	4.10	4.70
MPD3316-100TM	10.0	0.0350	3.90	3.80
MPD3316-150TM	15.0	0.0480	3.60	3.50
MPD3316-220TM	22.0	0.0600	2.50	2.60
MPD3316-470TM	47.0	0.1400	1.80	1.60
MPD3316-680TM	68.0	0.2120	1.50	1.30
MPD3316-101TM	100.0	0.3240	1.45	1.20
MPD3316-471TM	470.0	1.2000	0.75	0.60

GENERAL PARAMETERS: Layout, Schematic, Packaging

