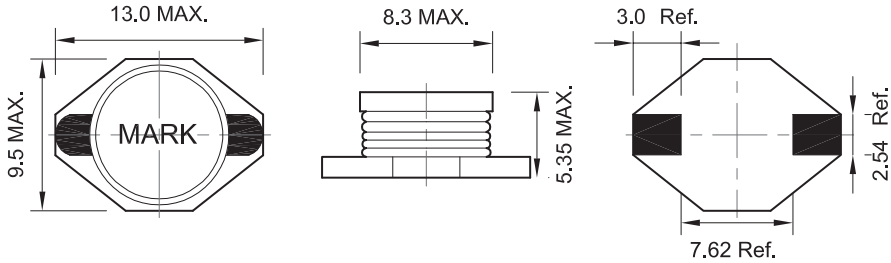
SPI-84D

DIMENSION
UNIT(mm)

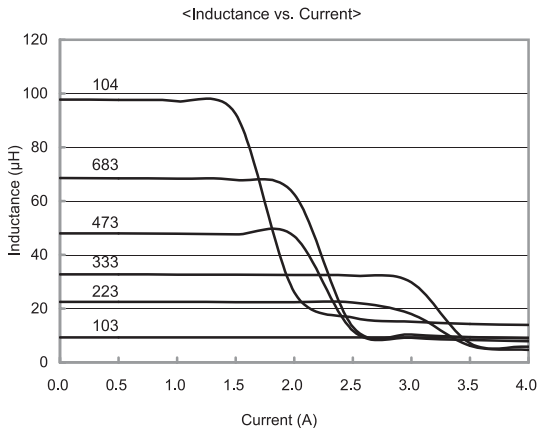


FEATURES

- Height 5.35mm Max.
- Suitable for large current.
- Ideal for DC/DC converter inductor application in hand help LCD monitor,note-book graphic-card etc.
- Available tape and reel for auto insertion.
- Suitable for reflow soldering.
- Custom design available.
- Lowest cost and high performance.

ELECTRICAL CHARACTERISTICS

PART NUMBER	INDUCTANCE (μH±20%)	DC.R (Ω MAX.)	RATED CURRENT (A MAX.)
SPI-84D-102	1.0	0.009	9.0
SPI-84D-152	1.5	0.010	8.0
SPI-84D-222	2.2	0.012	7.0
SPI-84D-332	3.3	0.015	6.4
SPI-84D-472	4.7	0.018	5.4
SPI-84D-682	6.8	0.027	4.6
SPI-84D-103	10	0.038	3.8
SPI-84D-153	15	0.046	3.0
SPI-84D-223	22	0.085	2.6
SPI-84D-333	33	0.10	2.0
SPI-84D-473	47	0.14	1.6
SPI-84D-683	68	0.20	1.4
SPI-84D-104	100	0.28	1.2
SPI-84D-154	150	0.40	1.0
SPI-84D-224	220	0.61	0.8
SPI-84D-334	330	1.02	0.6
SPI-84D-474	470	1.27	0.5
SPI-84D-684	680	2.02	0.4
SPI-84D-105	1000	3.00	0.3

1. Test Condition : 100KHz, 0.1V
2. Electrical specification at 25°C
3. Test instrument : HP4194A Impedance Gain/Phase Analyzer.
4. Rated Current : Inductance Drop=10% typ. at Rated Current or ΔT=40°C rise

DC BIAS CURVE