

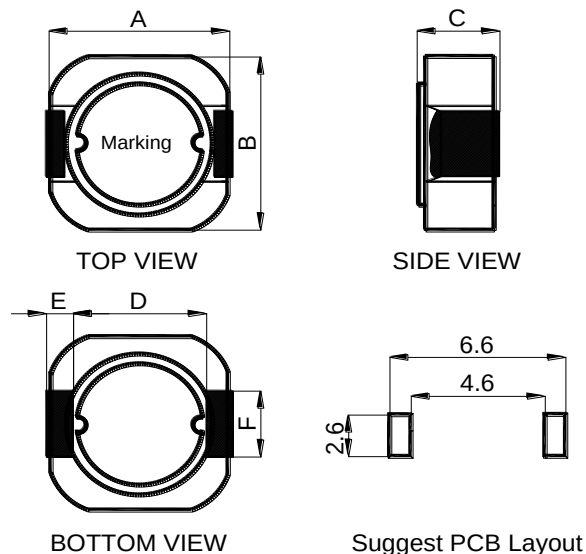


SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.0
DESCRIPTION	Power Inductor, 3.3uH, 2.99A, 26mΩ DCR	PAGE NO	1 of 1
PART NO	SDRD6035C-3R3MU	DATE	2011.06.22

1. CONFIGURATIONS & DIMENSIONS:



A	6.0	±	0.5	mm
B	6.0	±	0.5	mm
C	3.5		(Max.)	mm
D	6.0		(Ref.)	mm
E	0.6		(Ref.)	mm
F	2.0		(Ref.)	mm
G				mm
H				mm
I				mm
I				mm

Note:

1>. MARKING: 3R3

2. ELECTRICAL CHARACTERISTICS (Ta=25°C):

TEST CONDITION					
100KHz 0.1V	L	3.30	uH	±	20%
Ta=25°C	DCR	26.00	mΩ		(Max.)
100KHz 0.1V Isat1=2.10A (Max)	L@Isat1	L drops approx. 10% (Typical)			
100KHz 0.1V Isat2=2.57A (Max)	L@Isat2	L drops approx. 30% (Typical)			
100KHz 0.1V Irms=2.99A (Max)	ΔT	temperature rise 40°C. (Max.)			

Notes: 1. Isat: DC current that causes inductance to drop approximately 10% or 30% (Typ.) from its initial value without DC current;
2. Irms: DC current that causes an temp. rise ΔT= 40°C Max. (Typical).

3. SCHEMATIC DIAGRAM



Note:

1>. Wire Φ0.33mm UEFN/U 155°C .

2>. 10.5Ts (Ref.) C.CW

Operating temperature: -55°C ~ +130°C

4. TEST INSTRUMENTS

L : WK3260B

DCR: TH2512B

L@Isat : WK3260B and WK3265B.

APPROVED BY	CHECKED BY	DRAWN BY
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