

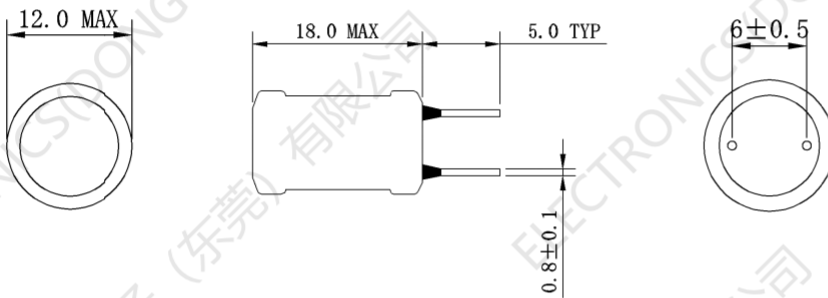
Radial Leaded Wire Wound inductor FC-DR2W1016-6R8M

Features:

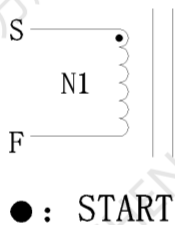
1. Radial through-hole inductor
2. High saturation core material
3. Small size
4. Rated Current: 10A
5. Signal filtering
6. Power supply filter
7. EMI filter
8. Switches, switching power supply for small and medium voltage
9. Operating temperature: -40 °C to +125 °C



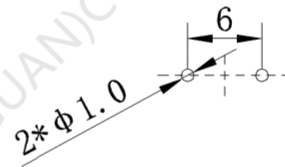
1. Dimensions:mm



2. Schematic:



3. RecommendeLand Pattern: mm



4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductors	(S-F)	6.8μH±20%	100KHz, 0.25V, 25°C	HP4284A
2	IR	COIL CORE	100Mohm MIN	DC500V	MF2511
3	DCR	(S-F)	15mΩ /MAX	25°C	CH502
4	Isat	(S-F)	+13A ≧ LOA*70% TYP	100KHz, 0.25V, 25°C	6240
5	Rated Current	(S-F)	10A	ΔT ≧ 40°C (Ta=25°C)	6240

Ambient temperature : -40°C to +85°C
 Operating temperature: -40°C to +125°C

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