

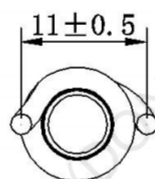
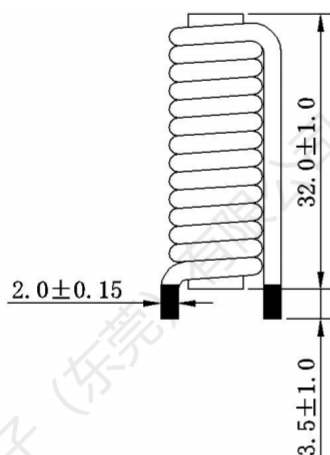
Rod Core Inductor FC-HCV06532-4R7M

Features:

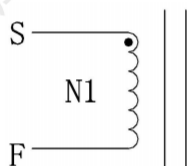
1. High Current capability
2. Standard filter applications
3. Very high magnetic saturation
4. Very reliable mechanical design
5. Inductance range: 4.7 μ H
6. Rated Current: 30A
7. Operating temperature: -40 °C to +125 °C



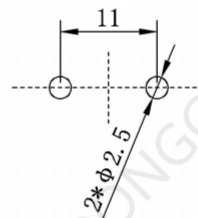
1. Dimensions:mm



2. Schematic:



3. Recommended Land Pattern: mm



4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductors	(S-F)	4.7 μ H $\pm$ 20%	100KHz, 0.25V, 25°C	HP4284A
2	IR	COIL~CORE	100Mohm MIN	DC500V	MF2511
3	DCR	(S-F)	6.0m Ω /MAX	25°C	CH502
4	Isat	(S-F)	20A TYP/ $\geq$ LOA*80%	100KHz, 0.25V, 25°C	6240
5	Rated Current	(S-F)	30A TYP	$\Delta T \leq 40^\circ\text{C}$ (Ta=25°C)	6240

Ambient temperature : -40°C to +85°C

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