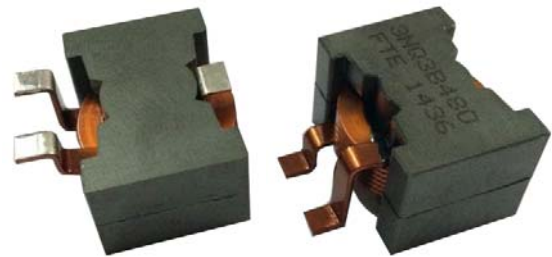


FSPQ2600 Series

Features

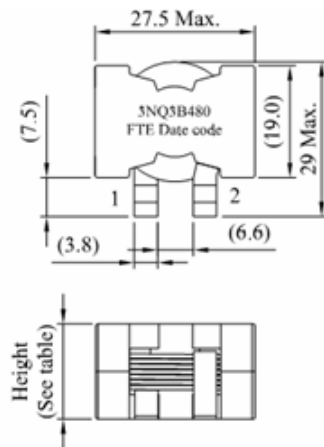
- Very high rated current
- Extremely low DC resistance
- RoHS-compatible



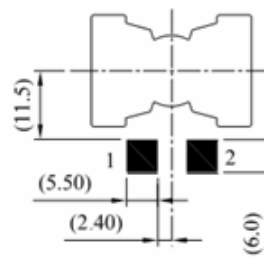
Applications

- DC/DC converters
- VRM modules

Mechanical



Recommended land pattern



Table

Series	Max. Height
FSPQ2615	16.0
FSPQ2617	17.3

Electrical Specifications

Part No.	L *1 $\mu\text{H} \pm 20\%$	DCR *2		Isat *3 A Typ	Irms *4 A Typ
		Nom	Max		
FSPQ2615-1R5M	1.5	1.70	1.90	>100	35
FSPQ2615-2R2M	2.2	2.00	2.30	100	32
FSPQ2617-3R3M	3.3	2.30	2.65	78	30
FSPQ2615-3R3M	3.3	1.70	1.90	54	35
FSPQ2617-4R7M	4.7	2.60	3.00	62	28
FSPQ2615-4R7M	4.7	2.00	2.30	46	32
FSPQ2617-5R6M	5.6	2.30	2.65	47	30
FSPQ2615-5R6M	5.6	1.70	1.90	32	35
FSPQ2617-6R8M	6.8	2.60	3.00	45	28
FSPQ2615-6R8M	6.8	1.70	1.90	26	35
FSPQ2617-8R2M	8.2	2.30	2.65	32	30
FSPQ2615-8R2M	8.2	2.00	2.30	26	32
FSPQ2617-100M	10.0	2.60	3.00	30	28
FSPQ2615-100M	10.0	2.00	2.30	22	32
FSPQ2617-150M	15.0	2.30	2.65	17	30
FSPQ2617-220M	22.0	2.60	3.00	13	28

*1. Inductance measured at 100 kHz, 0.1Vrms on an Agilent / HP 4284A LCR meter or equivalent.

*2. DCR measured at 25°C.

*3. Isat: DC current at which the inductance drops 20% from its original value without current.

*4. Current that causes 40°C temperature rise from 25°C ambient.

The characteristics can also be tailored for the customer if needs.