



SMD Line Filter

LQH2010D SERIES

FEATURES:

- Current rating up to 6 A
- Impedance range: 100 to 1400MHz
- RoHS compliant

APPLICATIONS:

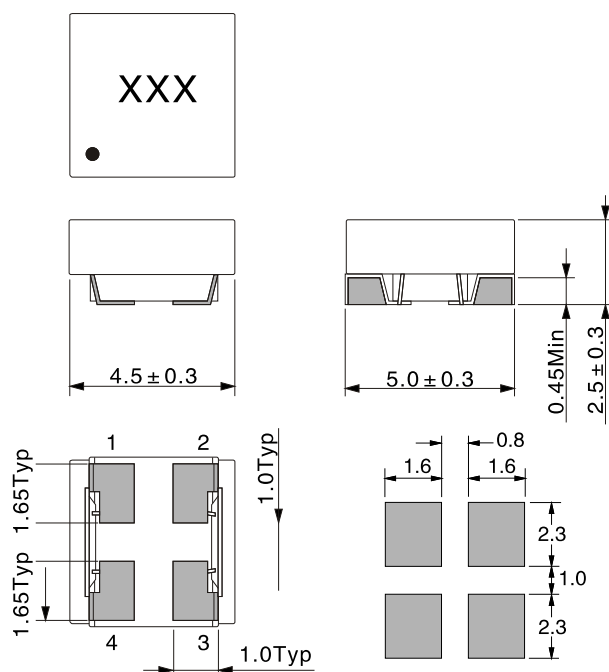
- EMI suppression
- Power line equipment
- Portable equipment

ELECTRICAL CHARACTERISTICS:@25°C

Part Number	Inductance (uH)Ref	Impedance Z(Ω) Typ 100MHz	Rated current (mA)	DCR (mΩ).	Rated voltage (Vdc)
LQH2010D-101Y	0.4	100	6000	9 ± 40%	50
LQH2010D-251Y	0.8	250	5000	14 ± 40%	50
LQH2010D-501Y	1.5	500	4000	19 ± 40%	50
LQH2010D-102Y	2.7	1000	2000	24 ± 40%	50
LQH2010D-142Y	3.5	1400	1500	40 ± 40%	50

PHYSICAL CHARACTERISTICS:

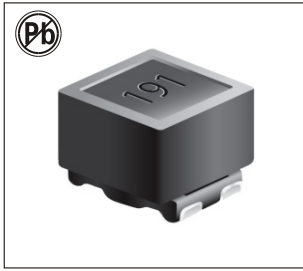
WINDING:



GENERAL SPECIFICATIONS:

Dielectric Withstanding Voltage: 125 Vdc
 Insulation resistance: 10M Ω Min
 Temperature Rise: 20 °C at rated current
 Operating Temperature: -40 °C to +125 °C (Temperature rise included)
 Storage Temperature: -40 °C to +125 °C
 Solderability: 250 °C for 5 sec.

Note: All specifications subject to change without notice.



SMD Line Filter

LQH2020D SERIES

FEATURES:

- Current rating up to 5 A
- Inductance range: 0.60 to 6.0 uH
- Frequency range to 1200 MHz
- RoHS compliant

APPLICATIONS:

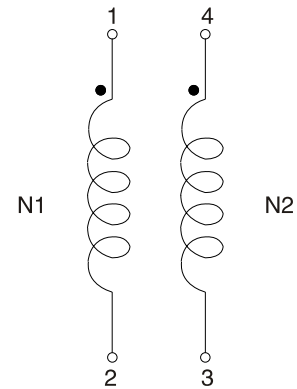
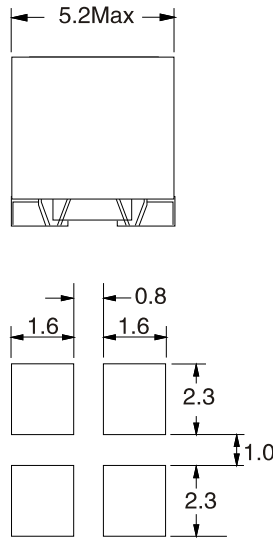
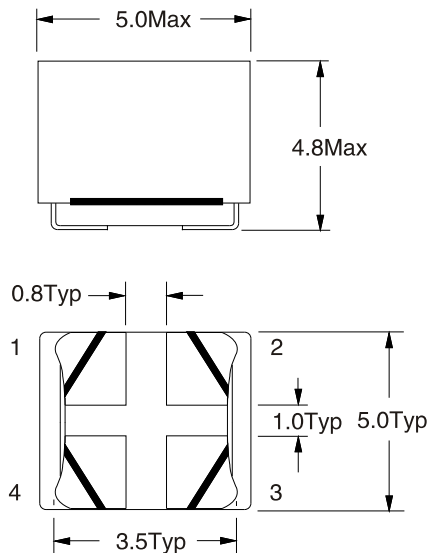
- EMI suppression

ELECTRICAL CHARACTERISTICS:@25°C

Part Number	Inductance (uH)ref 100KHz,0.1V	Impedance Z(Ω) 100MHz	DCR Max. (mΩ).	Rated current (mA)
LQH2020D-191Y	0.6	190 ± 35%	20	5000
LQH2020D-351Y	1.1	350 ± 35%	40	2000
LQH2020D-102Y	2.7	1000 ± 35%	60	1500
LQH2020D-152Y	3.6	1500 ± 35%	100	1000
LQH2020D-302Y	6.0	3000 ± 35%	200	500
LQH2020D-402Y	2.8	4000 ± 35%	300	200

PHYSICAL CHARACTERISTICS:

WINDING:



GENERAL SPECIFICATIONS:

Rated Voltage : 50 Vdc
 Dielectric Withstanding Voltage: 125 Vdc
 Temperature Rise: 20 °C at rated current
 Operating Temperature: -40 °C to +125 °C (Temperature rise included)
 Storage Temperature: -40 °C to +125 °C
 Solderability: 250 °C for 5 sec.

Note:All specifications subject to change without notice.