

LQW15AN82NJ00#

“ # ” indicates a package specification code.

Recommended

General

Wound
(No Shield)
000

Thickness
0.6mm
max.

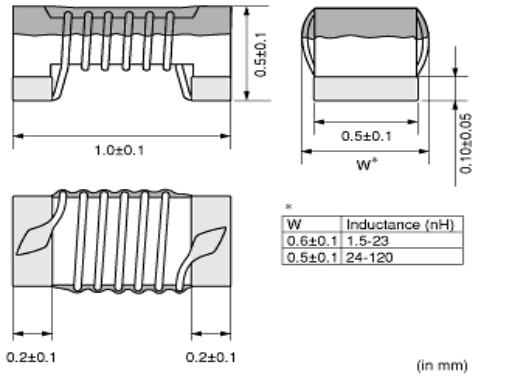
E-12
Step

Reflow
OK

RoHS

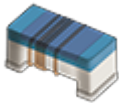
< List of part numbers with package codes >
LQW15AN82NJ00D , LQW15AN82NJ00B

Shape



W	Inductance (nH)
0.6±0.1	1.5-23
0.5±0.1	24-120

(in mm)



L size	1.0 ±0.1mm
W size	0.5 ±0.1mm
T size	0.5 ±0.1mm
Size code mm (inch)	1005 (0402)

References

Packaging code	Specifications	Minimum quantity
D	Paper tape (φ180mm)	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0008g

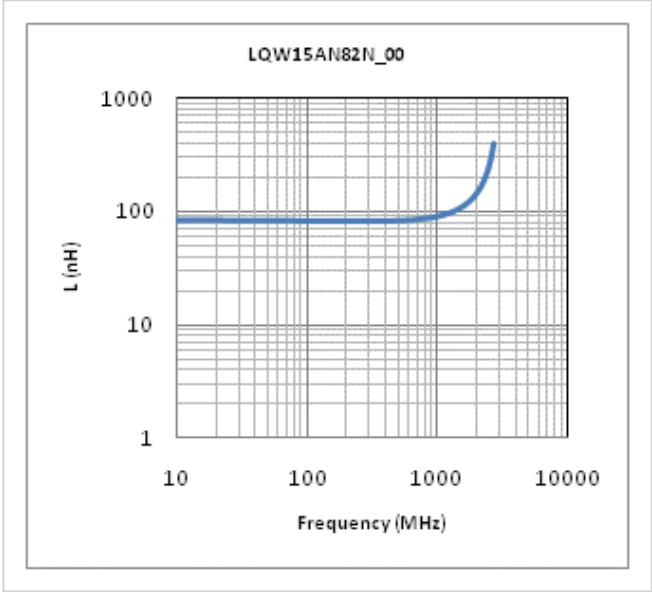
Specifications

Inductance	82nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	130mA
Max. of DC resistance	2.24Ω
Q (min.)	20
Q test frequency	150MHz
Self resonance frequency (min.)	2.3GHz
Operating temperature range (Self-temperature rise is not included)	-55~+125℃

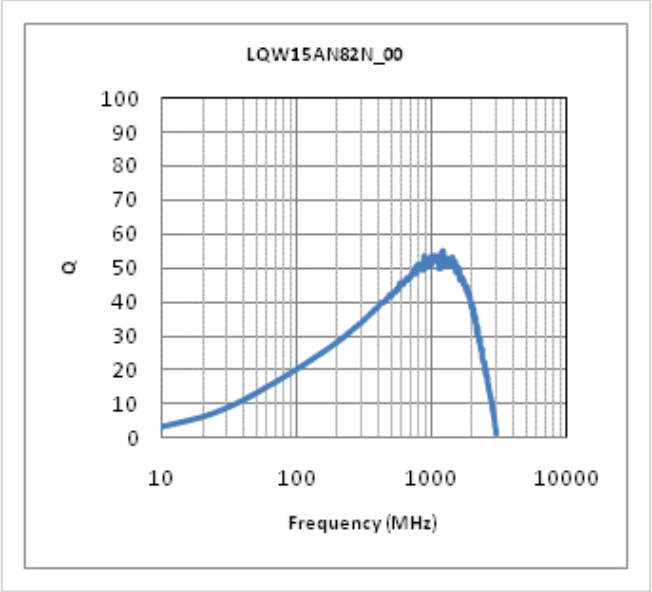
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▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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