

NIC PRODUCT SPOTLIGHT

PN: **NCB-H0402PxxxTRxxxF**



0402 SIZE - HIGH CURRENT FERRITE CHIP BEADS

NIC PART NUMBER	100MHz Impedance (ohm)	DC Resistance (ohm)	DC Current (mA)
NCB-H0402P100TR200F	10	0.1	2000
NCB-H0402P300TR200F	30	0.1	2000
NCB-H0402P600TR200F	60	0.1	2000
NCB-H0402P800TR200F	80	0.1	2000
NCB-H0402P900TR200F	90	0.1	2000
NCB-H0402P101TR200F	100	0.1	2000
NCB-H0402P121TR200F *	120	0.1	2000
NCB-H0402P221TR150F *	220	0.15	1500
NCB-H0402P301TR150F	300	0.15	1500

ADVANTAGES:

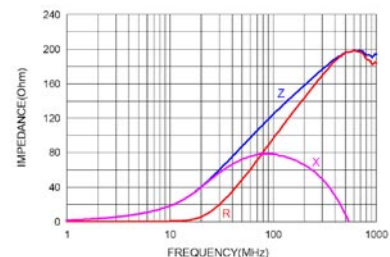
- ➔ High current rated (2A) in ultraminiature size (1.0mm X 0.5mm)
- ➔ Low cost replacement - alternate to Murata **BLM15 "EG"**
 - * **NCB-H0402P121TR200F** replaces BLM15EG121SN1
 - * **NCB-H0402P221TR150F** replaces BLM15EG221SN1
- ➔ Wide impedance range (10 ohm - 330 ohm @ 100MHz)
- ➔ Reduced PCB space - Ideal for high density layouts

Part Numbers		100MHz Impedance (ohm)	DC Current (mA)	DC Resistance (ohm)	Operating Temperature Range
Murata	BLM15EG121SN1	120	1500	0.095	-55 to +125
NIC	NCB-H0402P121TR200F	120	2000 *	0.100	-40 to +125
Murata	BLM15EG221SN1	220	700	0.280	-55 to +125
NIC	NCB-H0402P221TR150F	220	1500 *	0.150 *	-40 to +125

* NIC has better DCI & DCR specifications and **lower cost** than comparable Murata PN

APPLICATIONS:

- ➔ EMI RF noise suppression on DC supply lines
- ➔ Portable & Handheld products
- ➔ Point of Sale equipment
- ➔ GPS devices
- ➔ Wireless Access Points & Gateways
- ➔ Sensors & Controllers
- ➔ Security & Alarm



Impedance Over Frequency Curves on www.NICcomp.com

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