

*Using breakthrough technology,  
we aim for products that will create new markets.*

**New Product News**

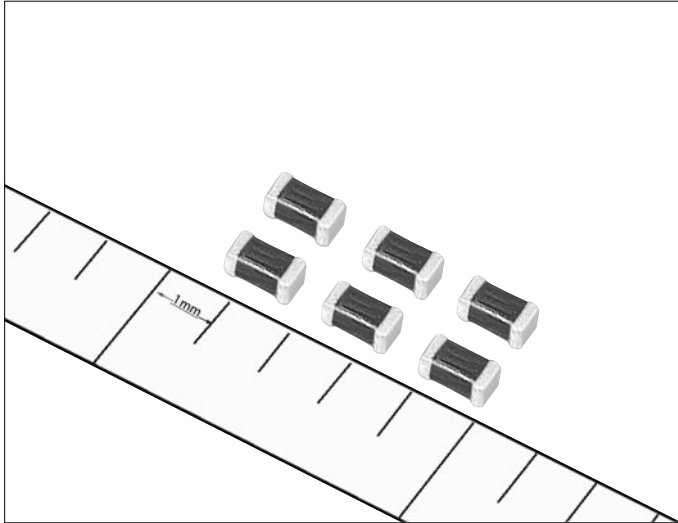
First in the industry

L-R composite device

1005, L-R composite device

Industry/Field: Information-communication equipment  
(ex : cellular phone)

**L and R composite device in 1005 size**



**Development Target:**

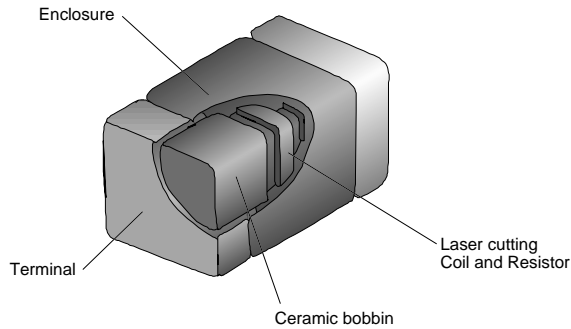
L-R composite device with Inductor and Resistor function in 1005 package which works on both bus line noise suppression for information / communication device such as mobile phones and ESD

**Features:**

- ①** L and R composite device in 1005 size
- ②** Effective for noise and ESD at the same time
- ③** Simple pattern without connecting GND pattern

**Number of industrial property rights: 6(Pending)**

**Construction:**



**Characteristics/specifications:**

Part number	ELWRFR10101F
Dimensions in mm	(W)1.0×(D)0.5×(H)0.5 [mm]
Inductance(*1)	100 nH±5%
DCR(*1)	100 Ω±20%
DC Current	23mA max.
SRF	1200 MHz min.

(\*1): If necessary, please contact us for a change of the value of the inductance (max.100nH) or the resistance (68 - 220Ω).

**Applications/usage examples:**

- Information/communication devices with LCD displays such as mobile phones

**Explanation of part numbers:**

1	2	3	4	5	6	7	8	9	10	11	12
E	L	W	R	F	R	1	0	1	0	1	F
Product code			Type	Inductance value			Resistance value			Packaging	