

# SURFACE-MOUNT POWER INDUCTORS

## FASNR8060, 8065 SERIES



### FEATURES:

Low profile, low RDC, high current handling capabilities  
Magnetically shielded structure that ensures the high-density mounting configurations  
Provided in embossed carrier tape packaging for use with automatic mounting machines

### OPTIONS:

Ideally used in Portable telephones, PDA, DSC, DC-DC converters, etc

### COMMON APPLICATIONS:

SNR **8060** 2R2 N  
a b c d  
a: Series name  
b: Product dimensions  
c: Inductance Value [1R0:1.0uH; 100:10uH; 101:100uH]  
d: Inductance Tolerance [K:10%; M:20%; N:30%]

### ELECTRICAL CHARACTERISTICS

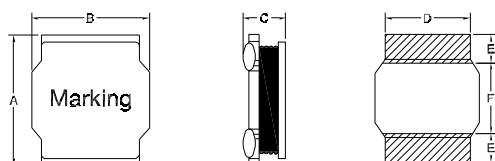
Part Number	Inductance (uH)	D.C.R (Ω)Max	Isat (A)	Irms (A)
FASNR8060-2R2N	2.2	0.022	8.00	5.70
FASNR8060-3R3N	3.3	0.025	7.50	5.00
FASNR8060-4R7M	4.7	0.032	7.00	4.65
FASNR8060-6R8M	6.8	0.037	5.90	4.20
FASNR8060-100M	10	0.042	5.80	3.80
FASNR8060-150M	15	0.071	4.50	3.10
FASNR8060-220M	22	0.100	4.30	2.70
FASNR8060-330M	33	0.162	3.00	2.10
FASNR8060-470M	47	0.188	2.85	1.80
FASNR8060-680M	68	0.248	2.50	1.60
FASNR8060-101M	100	0.380	2.00	1.25
FASNR8060-221M	220	0.884	1.20	0.82
FASNR8060-331M	330	1.26	1.05	0.68
FASNR8060-471M	470	1.76	0.90	0.55
FASNR8060-681M	680	2.80	0.80	0.50
FASNR8060-821M	820	3.40	0.70	0.43
FASNR8060-102M	1000	3.87	0.60	0.37

Part Number	Inductance (uH)	D.C.R (Ω)Max	Isat (A)	Irms (A)
FASNR8065-1R0N	1.0	0.015	10.00	6.00
FASNR8065-2R2N	2.2	0.018	10.00	5.50
FASNR8065-3R3M	3.3	0.022	10.00	5.10
FASNR8065-4R7M	4.7	0.025	9.00	4.70
FASNR8065-5R6M	5.6	0.027	8.30	4.60
FASNR8065-6R8M	6.8	0.029	7.50	4.50
FASNR8065-7R8M	7.8	0.033	7.00	4.10
FASNR8065-8R2M	8.2	0.039	6.50	3.80
FASNR8065-100M	10	0.047	6.00	3.60
FASNR8065-150M	15	0.064	5.00	3.50
FASNR8065-220M	22	0.082	4.00	3.20
FASNR8065-330M	33	0.110	3.40	2.50
FASNR8065-470M	47	0.163	2.80	2.30
FASNR8065-560M	56	0.195	2.60	1.90
FASNR8065-680M	68	0.234	2.25	1.55
FASNR8065-820M	82	0.260	2.10	1.45
FASNR8065-101M	100	0.338	1.90	1.40
FASNR8065-151M	150	0.533	1.50	1.05
FASNR8065-221M	220	0.715	1.25	0.60
FASNR8065-331M	330	1.08	1.10	0.56
FASNR8065-471M	470	1.56	0.87	0.54
FASNR8065-681M	680	2.21	0.75	0.50
FASNR8065-102M	1000	3.25	0.62	0.40

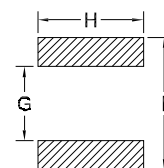
### TEST CONDITIONS

FASNR8060 TEST FREQUENCY AT 100KHz/0.25V.  
FASNR1050 TEST FREQUENCY AT 100KHz/1V.

### TECHNICAL INFORMATION



### PHYSICAL CHARACTERISTICS



### DIMENSIONS IN mm

Part number	A	B	C	D	E	F	G	H	I
FASNR8060	8.00±0.30	8.00±0.30	6.0 Max	6.30 Ref	2.20 Ref	3.60 Ref	3.40 Ref	7.50 Ref	9.40 Ref
FASNR8065	8.00±0.30	8.00±0.30	6.5 Max	6.30 Ref	2.20 Ref	3.60 Ref	3.40 Ref	7.50 Ref	9.40 Ref