

● PART NUMBERING

EA - □□□ □ □□ □□ □□
(1) (2) (3) (4) (5) (6)

- (1) Series
- (2) Inductance
- (3) Tolerance
- (4) Dimension
- (5) Material
- (6) Internal Serial No.

EA
20

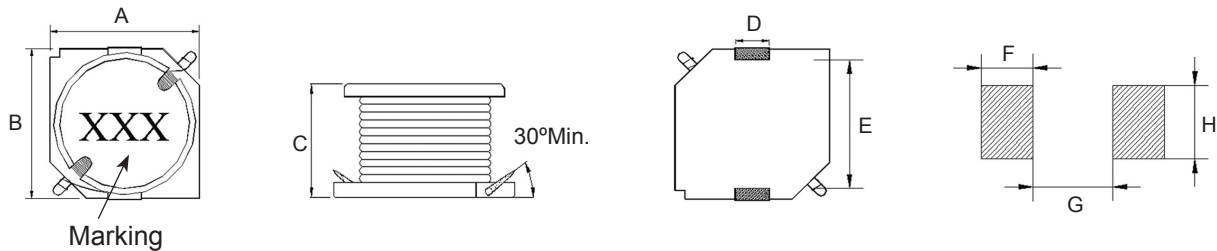
● FEATURES

- Outstanding solderability and solder heat resistance.
- Rugged mounting pad construction.

● APPLICATIONS

- DC/DC converters
- Computers
- Power amplifiers
- Switching power supplies
- Noise / EMI / RFI filtering
- PDAs & DSCs
- Portable communication equipment

● CONFIGURATIONS & DIMENSIONS



Unit : mm

SERIES	A	B	C	D	E	F	G	H
EA-13U	7.4 Max.	7.4 Max.	3.5 Max.	2.0 Typ.	4.5 Typ.	1.5 Typ.	4.9 Typ.	2.2 Typ.
EA-15U	7.4 Max.	7.4 Max.	5.0 Max.	2.0 Typ.	4.5 Typ.	1.5 Typ.	4.9 Typ.	2.2 Typ.

• For packaging information, please refer to page P.40.

● ELECTRICAL CHARACTERISTICS

New Part No.	Old Part No.	L (μ H)	FREQ. (KHz/1V)	DCR (Ω , Max.)	Isat (A, Max.)	Irms (A, Max.)
EA-10A□13U□□	SDRG73B-1R0□	1.0	100	0.022	3.46	2.88
EA-15A□13U□□	SDRG73B-1R5□	1.5	100	0.026	3.20	2.67
EA-22A□13U□□	SDRG73B-2R2□	2.2	100	0.032	2.88	2.40
EA-33A□13U□□	SDRG73B-3R3□	3.3	100	0.041	2.50	2.08
EA-47A□13U□□	SDRG73B-4R7□	4.7	100	0.049	2.30	1.92
EA-68A□13U□□	SDRG73B-6R8□	6.8	100	0.067	1.92	1.60
EA-100□13U□□	SDRG73B-100□	10	100	0.085	1.69	1.41
EA-120□13U□□	SDRG73B-120□	12	100	0.100	1.54	1.28
EA-150□13U□□	SDRG73B-150□	15	100	0.130	1.34	1.12
EA-180□13U□□	SDRG73B-180□	18	100	0.160	1.20	1.00
EA-220□13U□□	SDRG73B-220□	22	100	0.150	1.12	0.93
EA-270□13U□□	SDRG73B-270□	27	100	0.240	0.96	0.80
EA-330□13U□□	SDRG73B-330□	33	100	0.290	0.86	0.72
EA-390□13U□□	SDRG73B-390□	39	100	0.340	0.79	0.66
EA-470□13U□□	SDRG73B-470□	47	100	0.410	0.71	0.59
EA-560□13U□□	SDRG73B-560□	56	100	0.480	0.66	0.55
EA-680□13U□□	SDRG73B-680□	68	100	0.600	0.59	0.49
EA-820□13U□□	SDRG73B-820□	82	100	0.710	0.53	0.44
EA-101□13U□□	SDRG73B-101□	100	100	0.950	0.46	0.38
EA-10A□15U□□	SDRG75B-1R0□	1.0	100	0.023	3.46	2.88
EA-15A□15U□□	SDRG75B-1R5□	1.5	100	0.028	3.07	2.56
EA-22A□15U□□	SDRG75B-2R2□	2.2	100	0.032	2.83	2.36
EA-33A□15U□□	SDRG75B-3R3□	3.3	100	0.038	2.59	2.16
EA-47A□15U□□	SDRG75B-4R7□	4.7	100	0.049	2.26	1.88
EA-68A□15U□□	SDRG75B-6R8□	6.8	100	0.060	2.02	1.68
EA-100□15U□□	SDRG75B-100□	10	100	0.070	1.87	1.56
EA-120□15U□□	SDRG75B-120□	12	100	0.080	1.73	1.44
EA-150□15U□□	SDRG75B-150□	15	100	0.090	1.63	1.36
EA-180□15U□□	SDRG75B-180□	18	100	0.100	1.54	1.28
EA-220□15U□□	SDRG75B-220□	22	100	0.120	1.40	1.17
EA-270□15U□□	SDRG75B-270□	27	100	0.140	1.28	1.07
EA-330□15U□□	SDRG75B-330□	33	100	0.160	1.20	1.00
EA-390□15U□□	SDRG75B-390□	39	100	0.190	1.09	0.91
EA-470□15U□□	SDRG75B-470□	47	100	0.220	1.01	0.84
EA-560□15U□□	SDRG75B-560□	56	100	0.290	0.86	0.72
EA-680□15U□□	SDRG75B-680□	68	100	0.340	0.79	0.66
EA-820□15U□□	SDRG75B-820□	82	100	0.460	0.58	0.48
EA-101□15U□□	SDRG75B-101□	100	100	0.550	0.61	0.51
EA-121□15U□□	SDRG75B-121□	120	100	0.670	0.50	0.42
EA-151□15U□□	SDRG75B-151□	150	100	0.900	0.44	0.37
EA-181□15U□□	SDRG75B-181□	180	100	1.050	0.42	0.35
EA-221□15U□□	SDRG75B-221□	220	100	1.350	0.35	0.29
EA-271□15U□□	SDRG75B-271□	270	100	1.550	0.34	0.28
EA-331□15U□□	SDRG75B-331□	330	100	2.050	0.28	0.23
EA-391□15U□□	SDRG75B-391□	390	100	2.300	0.25	0.21
EA-471□15U□□	SDRG75B-471□	470	100	2.600	0.23	0.19

- Tested at 25°C.
- Inductance drop : 10% Typ. at Isat
- Storage temperature : -40°C to +85°C

- Temperature rise : 30°C Typ. at Irms
- Operating temperature : -55°C to +105°C