

SMD POWER INDUCTORS

MODEL NO. : SPC-06502 SERIES (A918CY COMPATIBLE)

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.

APPLICATION :

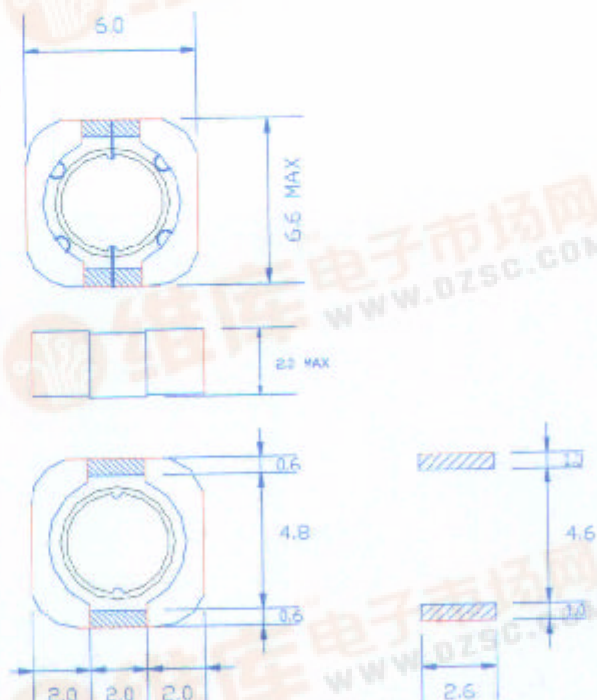
- * CELLULAR TELEPHONES
- * PDA.
- * DIGITAL STILL CAMERAS.
- * PC CAMERAS. .

ELECTRICAL SPECIFICATION:

(UNIT:mm)

PART NO	INDUCTANCE (μ H) $\pm 20\%$	D.C.R. MAX (Ω)	RATED CURRENT (ADC)
SPC-06502-1R0	1.0	0.016	3.48
SPC-06502-1R5	1.5	0.021	2.94
SPC-06502-2R0	2.0	0.028	2.33
SPC-06502-3R3	3.3	0.047	1.97
SPC-06502-4R7	4.7	0.065	1.54
SPC-06502-6R2	6.2	0.074	1.45
SPC-06502-8R2	8.2	0.102	1.23
SPC-06502-100	10	0.118	1.09
SPC-06502-120	12	0.153	0.99
SPC-06502-150	15	0.179	0.82
SPC-06502-180	18	0.207	0.83
SPC-06502-220	22	0.280	0.74
SPC-06502-270	27	0.330	0.65
SPC-06502-330	33	0.368	0.61
SPC-06502-390	39	0.473	0.55
SPC-06502-470	47	0.542	0.50

PHYSICAL DIMENSION :



TOLERANCE : ± 0.3

PCB PATTERN

NOTE (1): TEST FREQUENCY: 100KHZ, 1VRMS.

NOTE (2): THIS INDICATES THE VALUE OF DC CURRENT WHICH THE INDUCTANCE IS 30% LOWER THAN ITS INITIAL VALUE AND/OR $\Delta T=40^{\circ}\text{C}$ UNDER THIS DC CURRENT BIAS.