CUSTOMER INFORMATION

Part Number	Rated Inductance (µH)	OCL nominal (µH) @20°C	Irms (mA) see note (a)	Isat (mA-Peak)	DCR (Ω) max @ 20°C.	SRF (MHz) typ
SC24-1R0	1.0	1.0 +/- 20%	1000	1000 note(b)	0.02	120
SC24-2R2	2.2	2.2 +/- 20%	800	800 note(b)	0.06	60
SC24-4R7	4.7	4.7 +/- 20%	600	600 note(b)	0.11	35
SC24-100	10	10 +/- 10%	300	300 note(b)	0.15	22
SC24-220	22	22 +/- 10%	180	180 note(b)	0.32	15
SC24-470	47	47 +/- 10%	150	150 note(b)	0.64	12
SC24-101	100	100 +/-10%	90	90 note(b)	1.74	9.0
SC24-221	220	220 +/-10%	80	80 note(b)	4.51	6.0
SC24-331	330	330 +/-10%	70	70 note(b)	8.63	4.2
SC24-391	390	390 +/-10%	60	60 note(b)	9.11	3.8
SC24-471	470	470 +/-10%	50	75 note(c)	9.52	3.5
SC24-561	560	560 +/-10%	50	70 note(c)	10.14	3.0
SC24-681	680	680 +/-10%	40	40 note(b)	11.83	2.6
SC24-102	1000	1000 +/-10%	30	50 note(c)	14.30	2.1
SC24-152	1500	1500 +/-10%	25	25 note(b)	29.90	1.7
SC24-222	2200	2200 +/-10%	20	20 note(b)	36.40	1.5

Electrical Requirement Notes: 1) Test Frequency: 10KHz, 1.0V 2) DCR @ 20°C

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General Specifications:

a) Temp. Rise: 40°C Max.
b) ΔL/L(0A)=apprx 10%
c) ΔL/L(0A)=apprx 30%
d) Storage Temp.: -40°C~+85°C
e) Resistance to Solder Heat: 260°C for 10 secs.

Parts available in Tape and Reel. 13" diameter reel : 3,500 parts per reel.
7" diameter reel: 1,000 parts per reel

Cooper Electronic Technologies
3601 Quantum Blvd, Boynton Beach, FL 33426
Inductor Shielded SMD (SC24)
Family Drawing

SIZE	Drawing Number:		**SC24 Inductor Line**
A	Revision Level:	A	Sheet 2 of 4

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