

SPECIFICATION FOR APPROVAL

MESSRS : SUHKWANG

Description	Item
SMD INDUCTOR	SC1260S_Series

DATE : 2006. 03. 16.



株式
會社

光 星 電 子



HEAD OFFICE

KWANG SUNG ELECTRONICS CO.,LTD.

108, 4 - KA, WONHYO - RO, YONGSAN - KU, SEOUL, KOREA

TEL : 82 - 2 - 713 - 6001

FAX : 82 - 2 - 712 - 0001

82 - 2 - 711 - 2001

R&D CENTER

KWANG SUNG ELECTRONICS H/K CO.,LTD. KOREA BRANCH

201, WORLD VENTURE TOWN 60 - 24, GASAN - DONG

GEUMCHUN - GU, SEOUL, KOREA

TEL : 82 - 2 - 2108 - 3590, 3595

FAX : 82 - 2 - 2108 - 3535

HONG KONG OFFICE

KWANG SUNG ELECTRONICS H.K CO.,LTD.

UNIT7 - 9, 13/F, WAH WAI IND. CENTRE, 38 - 40

AU PUI WAN ST., FO TAN, N.T., HONG KONG

TEL : 852 - 2602 - 6609

FAX : 852 - 2602 - 6490

CHINA FACTORY

SHEN ZHEN KWANG SUNG ELECTRONICS CO.,LTD.

SHITOUZHAN INDUSTRIAL ZONE, ZHUAN CHANG

VILLAGE, SHIYAN TOWN BAOAN DISTRICT,

SHENZHEN GUANG DONG PROVINCE, CHINA

TEL : 86 - 755 - 2765 - 4650

FAX : 86 - 755 - 2765 - 6007

MESSRS.: SUHKWANG

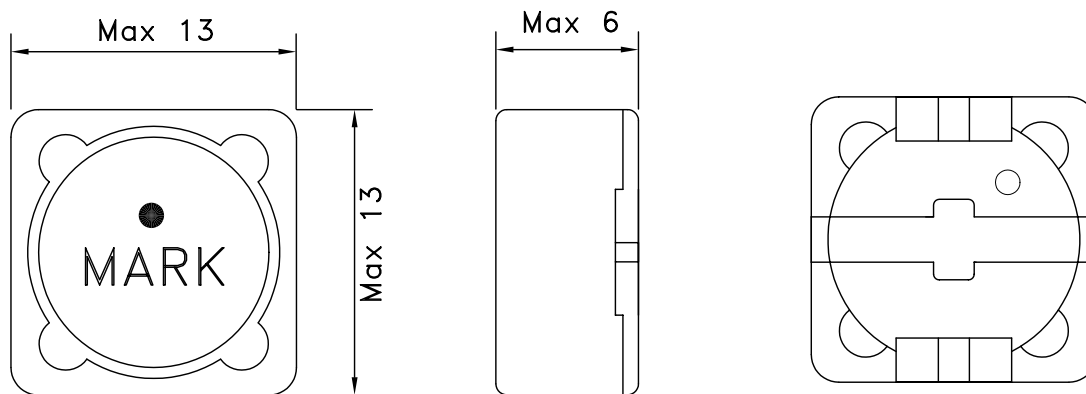
SMD INDUCTOR

DATE: 2006. 03. 16.

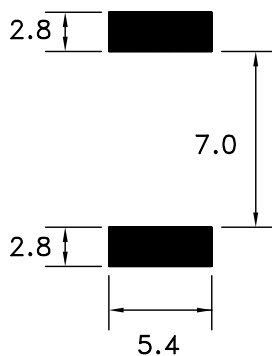
ITEM: SC1260S Series

SPECIFICATION

1. ITEM : SMD CHOKE COIL (SC1260S Series)
2. DIMENSION (UNIT : mm)



(SOLDER LAND PATTERN)



3. ORDERING CODE

SC1260S - 220 M

Tolerance

Inductance (220 = 22uH)

Series Name

	DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED
				技術 06.03.16 權恩洙	技術 06.03.16 張東俊

KWANG SUNG ELECTRONICS CO.,LTD.

MESSRS.: SUHKWANG	SMD INDUCTOR SPECIFICATION	DATE: 2006. 03. 16.
ITEM: SC1260S Series		

4. MATERIALS

NO	PARTS	MATERIAL
1	CORE	DR 10 x 5.2 or Equiv.
2	CORE	SRI 12 x 10.65 x 5 or Equiv.
3	WIRE	POLYURETHANE ENAMELLED COPPER
4	BASE	212-032T2 (K.S) or Equiv.
5	ADHESIVE	EPOXY RESIN

5. ELECTRICAL CHARACTERISTICS

Ordering Code	Inductance L(μH)	Tolerance (%)	DC.R(Ω) Max	Rated Current (A)
SC1260S-4R7M	4.7	±20%	0.025	4.5
SC1260S-5R6M	6	±20%	0.025	4.2
SC1260S-100M	10	±20%	0.025	4.0
SC1260S-120M	12	±20%	0.027	3.5
SC1260S-150M	15	±20%	0.033	3.3
SC1260S-180M	18	±20%	0.034	3.0
SC1260S-220M	22	±20%	0.045	2.8
SC1260S-270M	27	±20%	0.051	2.3
SC1260S-330M	33	±20%	0.063	2.1
SC1260S-390M	39	±20%	0.068	2.0
SC1260S-470M	47	±20%	0.10	2.0
SC1260S-560M	56	±20%	0.11	1.7
SC1260S-680M	68	±20%	0.12	1.5
SC1260S-820M	82	±20%	0.14	1.4
SC1260S-101M	100	±20%	0.16	1.3
SC1260S-121M	120	±20%	0.25	1.1
SC1260S-151M	150	±20%	0.25	1.0
SC1260S-181M	180	±20%	0.29	0.9
SC1260S-221M	220	±20%	0.45	0.8
SC1260S-271M	270	±20%	0.46	0.75
SC1260S-331M	330	±20%	0.51	0.68
SC1260S-391M	390	±20%	0.69	0.65
SC1260S-471M	470	±20%	0.77	0.58
SC1260S-561M	560	±20%	0.86	0.54
SC1260S-681M	680	±20%	1.2	0.48
SC1260S-821M	820	±20%	1.34	0.43
SC1260S-102M	1000	±20%	1.53	0.4

* Measuring Freq. : 1 KHz

* Maximum rated DC current is that which causes temperature rising
Δt=40°C from the initial value. (Measure time : Max 120sec.)