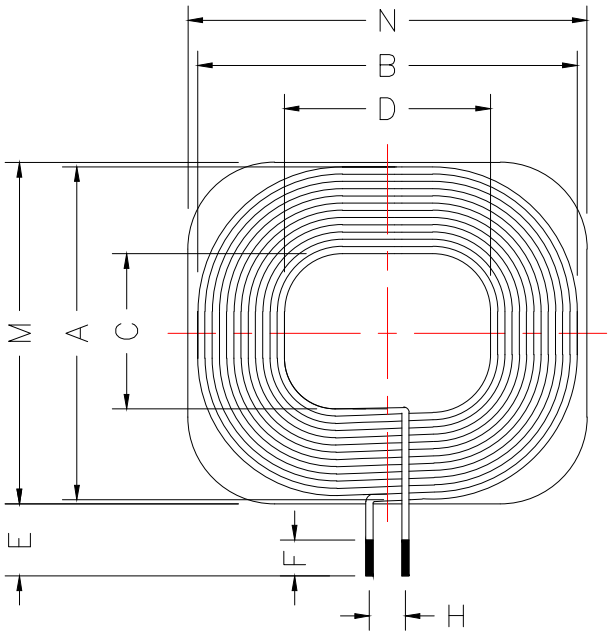
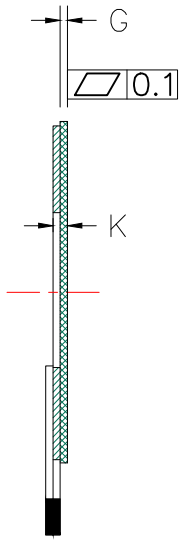
SWC5547AK120-500

PHYSICAL DIMENSIONS:

A	45.20	±	1.00
B	53.20	±	1.00
C	19.50	±	0.50
D	27.50	±	0.50
E	10.00		Min.
F	5.00	±	2.00
G	1.00	±	0.10
H	5.00		Ref.
K	3.00		Max.
M	47.20	±	0.50
N	55.20	±	0.50





ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	Max
INDUCTANCE (uH) L @ 100KHz/1V ±10%	11.25	12.50	13.75
DCR (mΩ)			65
Q @ 100KHz/1V	90		

NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE RANGE:
   −40°C TO +125°C (INCLUDING SELF−HEATING).
2. STORAGE TEMPERATURE RANGE (PACKAGING CONDITIONS) :
   −10°C TO +40°C AND RH 70% (MAX.)
3. FERRITE MATERIAL: LAIRD 28MAT.
4. COIL: ENAMELLED ROUND COPPER WIRES WITH SILK COVERING, LITZ 0.08X105 STRANDS,2UEW,155°C 12Ts.
5. COIL AND FERRITE ARE GLUED BY EPOXY.

RoHS

Pb

DIMENSIONS ARE IN mm.

REV	DESCRIPTION	DATE	INT
A	ORIGINAL DRAFT	11/07/13	QIU

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PROJECT/PART NUMBER: SWC5547AK120−500	REV: A	PART TYPE:	DRAWN BY: QIU
DATE: 11/07/13	SCALE: NTS	SHEET: 1 of 1	
CAD #: SWC5547AK120−500−A	TOOL #: −		