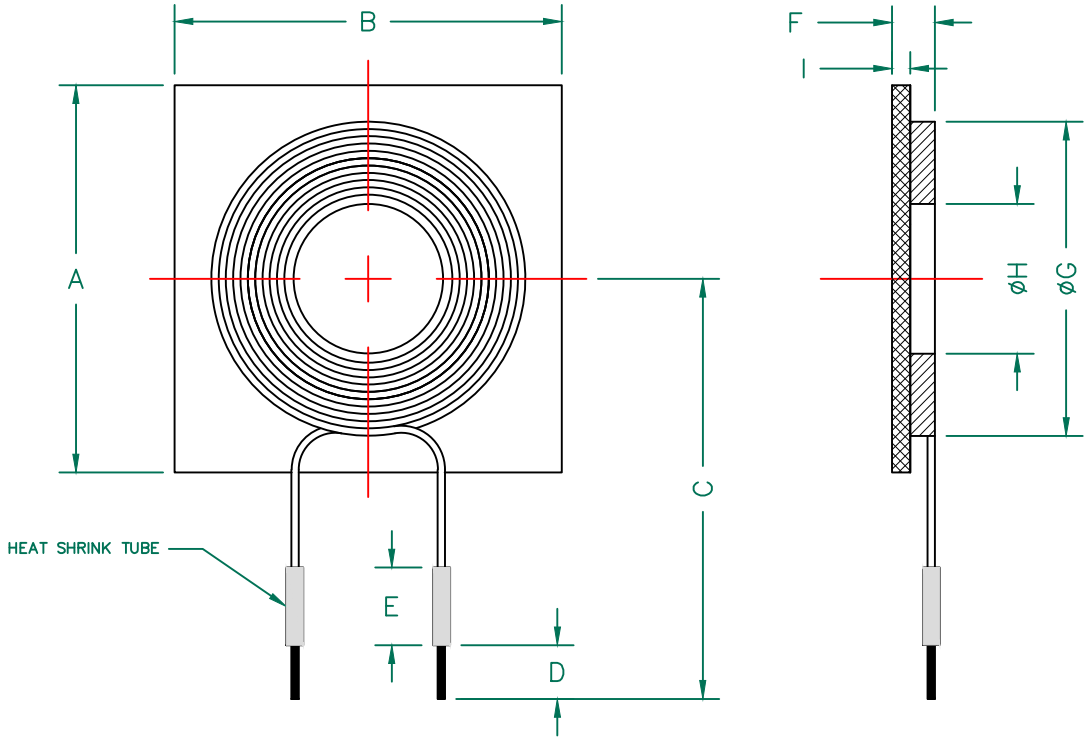
RWC5353EJ240-501

PHYSICAL DIMENSIONS:

A	53.00	±	0.50
B	53.00	±	0.50
C	57.50		TYP.
D	10.00	±	2.00
E	10.00		TYP.
F	6.70		MAX.
G	43.00	±	1.00
H	20.50	±	1.00
I	2.50	±	0.40



ELECTRICAL SPECIFICATION @ 25°C

	Min	Nom	Max
INDUCTANCE (uH) L @ 100KHz/1V ±10%	21.6	24.0	26.4
DCR (mΩ)			75
Q @ 100KHz/1V	90		
Irms (A)	5.5		
Isat (A)	10.0		

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. UNLESS OTHERWISE SPECIFIED, THE STANDARD ATMOSPHERIC CONDITIONS FOR MEASUREMENT/TEST AS:
   A. AMBIENT TEMPERATURE: 20±15°C.
   B. RELATIVE HUMIDITY: 65%±20%.
4. DEFINITION OF SATURATION CURRENT (ISAT): DC CURRENT AT WHICH THE INDUCTANCE DROPS ≤10% FROM ITS VALUE WITHOUT CURRENT.
5. DEFINITION OF TEMPERATURE RISE CURRENT (IRMS): DC CURRENT THAT CAUSES THE TEMPERATURE RISE (ΔT ≤40°C) FROM 20°C AMBIENT.

RoHS

UNCONTROLLED DOCUMENT

REV	DESCRIPTION	DATE	INT
B	CORRECT INDUCTANCE UNIT	01/09/13	QIU
A	ORIGINAL DRAFT	11/01/12	QIU

DIMENSIONS ARE IN mm.

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PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
RWC5353EJ240-501	B		QIU

DATE:	SCALE:	SHEET:
11/01/12	NTS	1 of 1

CAD # RWC5353EJ240-501-B

TOOL # –