

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	E	RE-DRAWN IN ACAD	MAY-11-11	MAY-11-11

ELECTRICAL CHARACTERISTICS

(Ta= + 25 °C unless noted).

Inductance @1 KHz.....	100µH ±15%
Incremental Current (Note 1).....	800mA Min./ 1.75A Typ.
Incremental Current (Notes 1,2).....	650mA Min.
Continuous DC Current (Note 2).....	500mA Min.
Saturation Current (Note 1).....	800mA Min.
Peak Current.....	5 A
DC Resistance.....	0.08 Ohms Typ/ 0.2 Ohms Max.
Self-Resonant Frequency.....	2.0 MHz Min.
Q (Note 3).....	22 Min./ 29 Typ
Dielectric Strength (Peak Voltage).....	100V Min.
Operating Temperature Range.....	-55 to +125°C
Storage Temperature Range.....	-60 to +125°




Note 1. Current that will cause a maximum 10% drop in inductance.
 Note 2. Over the operating temperature range.
 Note 3. Measured on HP 4284A LCR meter at 100KHz, 0.1Vrms or equivalent.

PHYSICAL CHARACTERISTICS

Core Construction.....	Iron Powder Toroid
Outside Diameter (Including Windings).....	0.65” Nom. / 0.70” Max
Height (Including Windings).....	0.33” Nom. / 0.375” Max.
Lead Length.....	0.375 inches min 24 AWG
Lead Finish.....	Solder Tinned Lead Free Solder (Sn99.3Cu0.7)
Tape.....	Epoxy Film Electrical Tape or equivalent
Finish.....	Impregnation with Varnish
Part Marking: RHM Part Number / Customer Part Number / Lot number	



 180 Otay Lakes Rd. Suite #205 Bonita, CA, 91902 Us Phone: (619) 819-5056 Us Fax: (619) 819-5055	www.righthandmanufacturing.com			
	INDUCTOR 100µH TOROID			
DRAWN: J. CHAVEZ REVISED: L. RESENDIZ APPROVED: J. VELAZCO	SIZE	FSCM NO.	DWG NO. 09-H000203	REV E
CUSTOMER: N/A	SCALE NONE	P/N:	09-H000203	SHEET 1 OF 1