

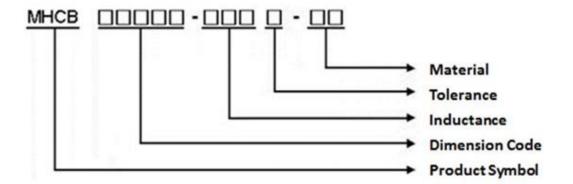
RoHS & Halogen Free & REACH Compliance.

SPECIFICATION FOR APPROVAL

Customer :		超利維	•
Customer P/N:		/213%	
		IE4 OD0	
Drawing No :		IE1-8B03	303
Quantity:	X F	Pcs. Date:	2018/11/23
Chilisin P/N:		MHCB06020-F	R22M-C1
		CIFICATION EPTED BY:	
COMPONENT	ACC	EFIED BI.	
ENGINEER			
ELECTRICAL			
ENGINEER			
MECHANICAL			
ENGINEER	<u> </u>		
APPROVED			
REJECTED			
奇力新電子股份有限公司 Chilisin Electronics Corp No. 29, Alley 301, Tehhsin Rd. Hukou,Hsinchu 303, Taiwan TEL: +886-3- 599-2646 FAX: +886-3- 599-9176 E-mail: sales@chilisin.com http://www.chilisin.com			ongguan) Co., Ltd. uliangwei Administration Area, an City, Guangdong,China 251~3 0232
奇力新電子(越南廠)有限 Chilisin Electronics (Vietnam) L No 143 - 145, Road No 10, VS Lap Le Commune, Thuy Nguye Haiphong City, Vietnam Tel: 84-316 255 688 Fax: 84 E-mail: sales@chilisin.com	Limited IP Hai Phong, en Dist,	No. 8, Shaziao Liangsl	nics Technology Co., Ltd huijing Town, Yuanling Hunan Province 419601,
Drawn by 吳韋邑 Wayne.Wu		hecked by 弖 Wayne.Wu	Approved by 劉建志 Richard.Liu

MHCB06020 Series Specification

- 1 Scope: This specification applies to Large current and Low Loss SMD Power INDUCTOR
- 2 Part Numbering:

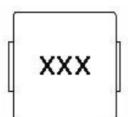


3 Rating:

Operating Temperature: - 55°C ~ 125°C

Storage Temperature: (on tape & reel): -20 °C to +40 °C; 75% RH max.

4 Marking:



Ex: MHCB06020-R22M-C1

Marking: R22

Marking color: Black

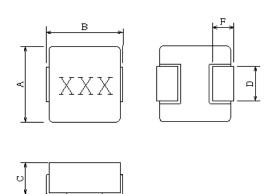
5 Standard Testing Condition

	Unless otherwise specified	In case of doubt
Temperature	Ordinary Temperature(15 to 35°C)	20 to 30°C
Humidity	Ordinary Humidity(25 to 85% RH)	50 to 80 %RH



MHCB06020 Series Specification

6 Configuration and Dimensions:



TYPE	MHCB06020
Α	6.6±0.2
В	6.95±0.35
С	1.8±0.2
D	3.0±0.5
F	1.6±0.5

7 Electrical Characteristics:

Part No.	Inductance (uH)	Tolerance (±%)	Test Freq.	Irms(A) Typ	Isat(A) Typ	RDC(mΩ) ±7%	Marking
MHCB06020-R22M-C1	0.22	20	100kHz,0.5V	18	36	2.9	R22

Note:

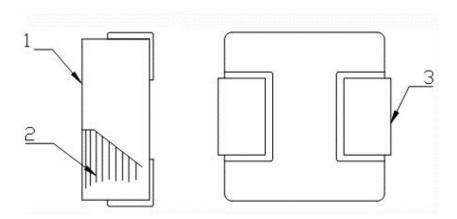
- 1. Operating temperature range -55° C ~125° C
- 2.Isat for Inductance drop 30% from its value without current.
- 4.The part temperature (ambient + temp rise) should not exceed 125°C under worst case operating conditions. Circuit design 125°C under worst case operating conditions. Component placement, PWB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
- 5. Absolute maximum voltage 30VDC



MHCB06020 Series Specification

8 MHCB06020 Series

8.1 Construction:



8.2 Material List:

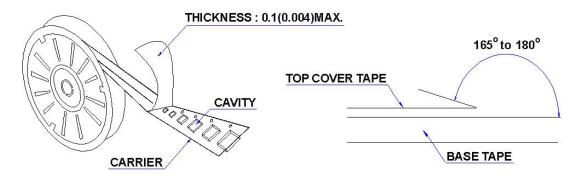
No	Part	Material
1	COATING+ CORE	CARBONYL IRON POWDERS
2	WRE	COPPER WIRE
3	TERMINAL	TERMINAL COPPER

MHCB06020 Series Specification

9 PACKAGING

9.1 Packaging -Cover tape

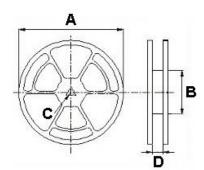
The force for tearing off cover tape is 10 to 130 grams in the arrow direction.



9.2 Packaging Quantity

TYPE	PCS/REEL
MHCB06020	1000

9.3 Reel Dimensions



Dimensions in mm

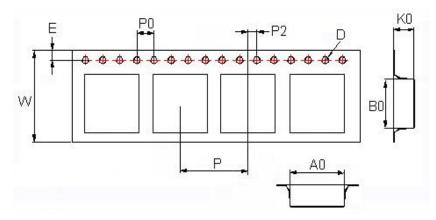
TYPE	Α	В	С	D
MHCB06020	330	100	13	16



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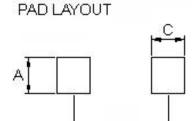
9 PACKAGING

9.4 Tape Dimensions in mm



TYPE	A0	В0	K0	D	Е	W	Р	P0	P2
MHCB06020	7.15	7.6	2.4	1.55	1.75	16	12	4	2

10 Recommended Pattern



Dimensions in mm

TYPE	A(mm)	B(mm)	C(mm)
MHCB06020	3.5	6.05	2.35

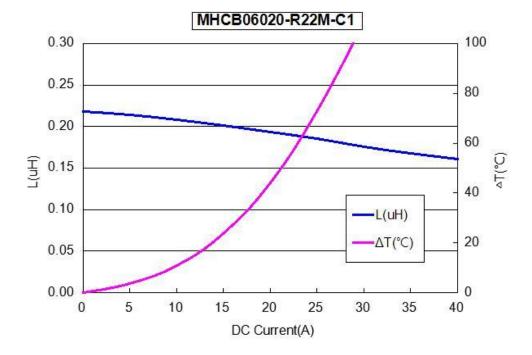
11 Note:

- 1. Please make sure that your product has been evaluated and confirmed against your specifications when our product is mounted to your product.
- 2. Do not knock nor drop.
- 3. All the items and parameters in this product specification have been prescribed on the premise that our product is used for the purpose,under the condition and in the environment agreed upon between you and us. You are requested not to use our product deviating from such agreement.
- 4. Please keep the distance between transformer/coil and other components (refer to the standard IEC 950)
- 5. The moisture sensitivity level (MSL) of products is classified as level 1.



MHCB06020 Series Specification





单击下面可查看定价,库存,交付和生命周期等信息

>>CHILISIN(奇力新)