

Product Series Code	GRB	Brand	GOTREND
File Version	GRB0132P-008B300YFB	Editor	Teddy
Established Date	2014.01.28	Description	Dip R Choke
Latest Edit Date	2014.01.28	Pages	Page : 2

Features & Application:

- * Drum Choke with low cost and high reliability.
- * Fit for power line & signal line circuit
- * To help you go pass the CE/FCC standard.
- * Mobile Device / Handheld Device / LowProfile Device / Panel...

Part No Example:

GRB 0132 P - 008 B 300 Y FB
 1 2 3 4 5 6 7 8

- 1.GOTREND Series : GRB
- 2.Core Dimension Code : Width x Length
- 3.P = Pb free < 1000ppm
- 4.Wire Size : 008=0.08mm / 10=1.0mm etc.
- 5.Wire Count : A=Single , B=2 Wire , C=3 Wire etc.
- 6.Wire Turns : 300=300.0 Turns
- 7.Wire Color : Y=Copper Yellow , R=Copper Red
- 8.Pin Foot : FB=Dip

Test Equipment :

- * HP4284A,HP42841A- L,IDC,Q.RDC
- * HP8753D NETWORK ANALYZER- SRF

Standard Atmospheric Conditions:
 Ambient Temp:20+/-15°C
 Relative Humidity:65+/-20%
 If there may be any doubt on the result,
 measurement shall be made within the following limits:
 Ambient Temp:25+/-5°C
 Relative Humidity:75+/-10%

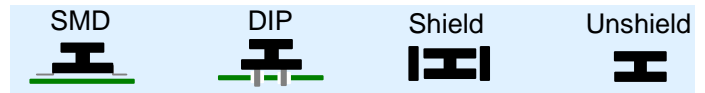
Operating & Storage Condition:

OPERATING TEMP:-20~+85°C
 STORAGE TEMP:-20~+85°C
 STORAGE LIFE TIME: 12 MONTH @25°C , RH 65%

Attention & Caution:

- Please avoid following matters:**
- * Splashing water or salt water
 - * Toxic Gas (Hydrogen sulfide, Sulfurous acid, Chlorine, Ammonia)
 - * Vibrations or shocks which exceed the specified condition
 - * Dew condenses
 - * Please be careful for the stress to this product by board flexure or something after the mounting.

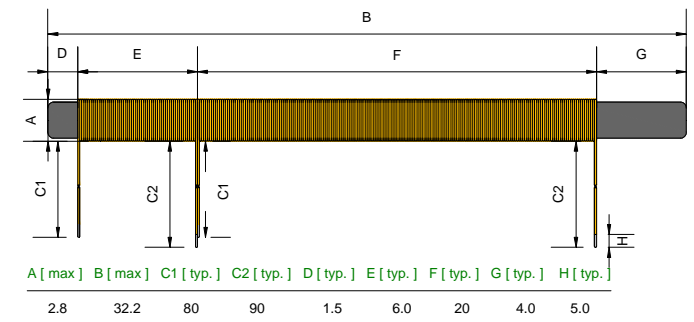
Product Structure



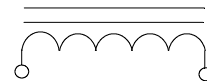
2005 RoHS Compliant - SGS Certified Result

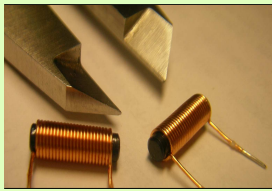
鉛 Pb	鎘 Cd	汞 Hg	六價鉻 Cr+6	溴化聯苯 PBB	溴化聯苯 醚PBDE
<1000ppm	ND	ND	ND	ND	ND

DIMENSION : [mm]



SCHEMATIC:





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Custom Design @ 100KHz , 0.1V

P/N	Inductance(mH) L2	Inductance(mH) L2	DCR1 (ohm)	DCR2 (ohm)
GRB0132P-008B300YFB	1.50 +/- 0.05	15.0 +/- 5%	10.6 max	27.6 max