

| | | | |
|---------------------|-------------------------------|-------------|--------------------|
| Product Series Code | GRB | Brand | GOTREND |
| File Version | GRB0520P-09A16YDP-V1R0 | Editor | Terry |
| Established Date | 2016.11.16 | Description | Dip R Choke |
| Latest Edit Date | 2016.11.16 | 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 0520 P - 09 A 16 Y DP
 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 : 09=0.9mm etc.
- 5.Wire Count : A=Single , B=2 Wire , C=3 Wire etc.
- 6.Wire Turns : 16=16 Turns
- 7.Wire Color : Y=Copper Yellow , R=Copper Red
- 8.Pin Foot : DP=Dip

Custom Design @ 1KHz , 0.25V

| P/N | Inductance(uH) | DCR (m ohm) | IDC (A) |
|-------------------|----------------|-------------|----------|
| GRB0520P-09A16YDP | 4.7 uH +/- 20% | 60.0 Max. | 5.0 Max. |

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

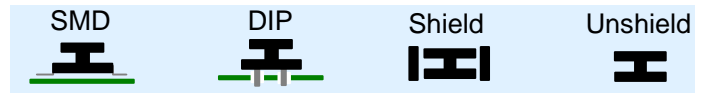
STORAGE LIFE TIME: 12 MONTH @25°C , RH 65%

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 condensates
- * Please be careful for the stress to this product by board flexure or something after the mounting.

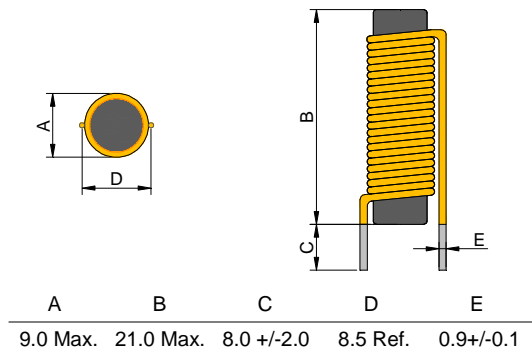
Product Structure



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:

