



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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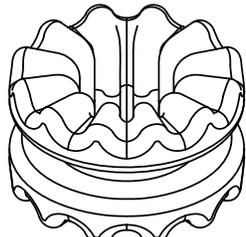
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

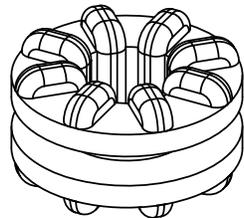
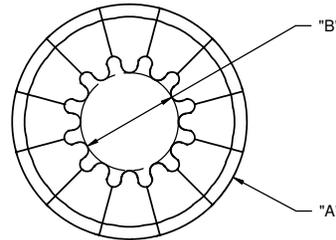


| GROMMET TABLE |                   |                   |                       |                       |                 |                 | MOUNTING OPTIONS |
|---------------|-------------------|-------------------|-----------------------|-----------------------|-----------------|-----------------|------------------|
| PART NUMBER   | DIM. "A"<br>±.010 | DIM. "B"<br>±.010 | PANEL THICKNESS       | PANEL HOLE SIZE       | DIM. "C"<br>TYP | DIM. "D"<br>REF | METAL SCREWS VGS |
| VG-1          | .380 [9.7]        | .158 [4]          | .057±.006 [1.45±0.15] | .250±.005 [6.35±0.13] | .087 [2.2]      | .231 [5.9]      | VGS-1            |
| VG-2          | .565 [14.4]       | .188 [4.8]        | .063±.006 [1.6±0.15]  | .375±.005 [9.53±0.13] | .131 [3.3]      | .324 [8.2]      | VGS-2            |
| VG-3          | .380 [9.7]        | .158 [4]          | .031±.003 [0.79±0.08] | .250±.005 [6.35±0.13] | .100 [2.5]      | .231 [5.9]      | VGS-1            |
| VG-4          | .565 [14.4]       | .188 [4.8]        | .043±.004 [1.09±0.1]  | .375±.005 [9.53±0.13] | .141 [3.6]      | .324 [8.2]      | VGS-2            |
| VG-5          | [.374] 9.5        | [.142] 3.6        | [.055±.006] 1.4±0.15  | [.217±.005] 5.5±0.13  | [.083] 2.1      | [.217] 5.5      | VGS-3            |

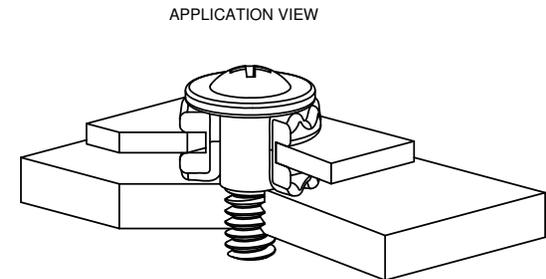
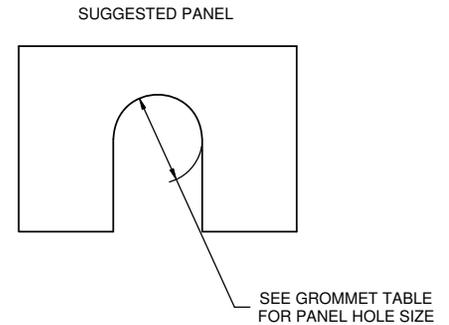
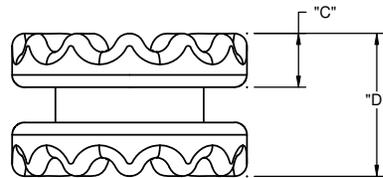
VGS SCREWS ARE SOLD SEPARATELY. PLEASE SEE DRAWING "VGS" FOR DIMENSIONS AND DETAILS



VG-1 TO VG-4



VG-5



- NOTES:  
 1. MATERIAL: NEOPRENE RUBBER (RMS-190)  
 2. COLOR: BLACK  
 3. PRIMARY DIMENSIONS ARE IN INCHES.  
 SECONDARY DIMENSIONS [mm] ARE REFERENCE,  
 EXCEPT FOR PART VG-5, PRIMARY UNITS ARE mm

|      |                           |       |          |
|------|---------------------------|-------|----------|
| I    | SEE CO 200441 FOR CHANGES | SK    | 09/18/09 |
| H    | SEE CO 200330 FOR CHANGES | SK    | 02/20/09 |
| G    | SEE CO 200079 FOR CHANGES | SK    | 12/04/07 |
| F    | SEE ECN #1299             | SK    | 03/20/07 |
| E    | SEE ECN #1298             | SK    | 03/16/07 |
| D    | SEE ECN #1294             | SK    | 03/07/07 |
| C    | SEE ECN #1195 FOR CHANGES | SK    | 07/19/06 |
| B    | SEE ECN # 1031            | SK    | 07/27/05 |
| A    | RELEASED FOR PRODUCTION   | SK    | 07/25/05 |
| REV. | DESCRIPTION               | ENGR. | DATE     |

|                                 |  |              |             |                   |            |
|---------------------------------|--|--------------|-------------|-------------------|------------|
| TITLE: <b>VIBRATION GROMMET</b> |  | ⊕            | ⊞           | DWG IN<br>IN [MM] |            |
| FILE #: VG                      | DWN: R.D.G.  | APP: R.D.G.  | FINAL       |                   |            |
| SHEET: 1 OF 1                   | SHEET SIZE: B  | DT: 04/19/05 | CHKD: D.J.Z | PART #            | PRINT TYPE |
| RE: RICHCO                      | RICHCO, INC.<br>ENG@RICHCO-INC.COM<br>(773) 539-4060 |              | SEE TABLE   | CA                |            |

CREATED USING  
SOLIDWORKS  
TOLERANCES  
UNLESS NOTED  
.XX=±.010  
.XXX=±.005  
FRAC=±1/64  
ANG=±1°