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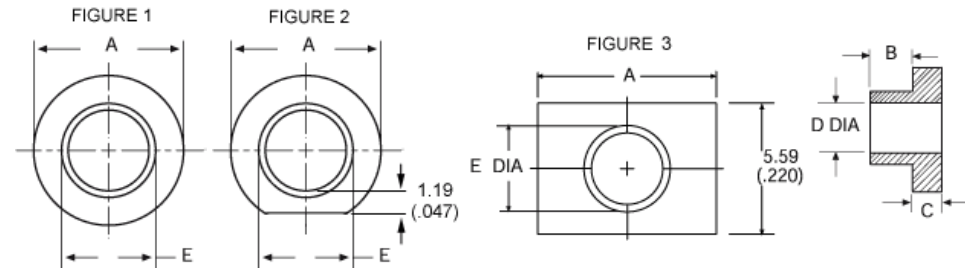
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## Insulating Shoulder Washers

RoHS Compliant

- 40% glass filled polyphenylene sulfide (PPS).
- Chemically inert [no known solvents under 200°C (392°F)]
- Maximum recommended service temperature of 260°C (500°F)
- Recommended torque is 0.565Nm to 0.678Nm (5 to 6 inch-pounds) on all shoulder washers except -7, which has recommended torque of 0.452Nm (4 inch-pounds).



## Polyphenylene Sulfide PPS Shoulder Washers

Note: A single gate extension, not to exceed 0.64mm (0.025") in length, is allowable on the outside of all shoulder washers.

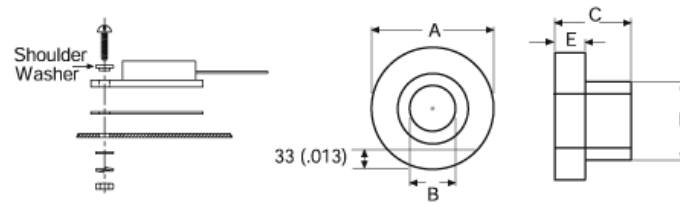
| Model       | RoHS            | PCN                   | A               | B               | C               | D               | E               | Screw Size | Fig. |
|-------------|-----------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|------|
| 7721-1PPSG  | RoHS  Compliant | Product Change Notice | 7.11<br>(0.280) | 3.18<br>(0.125) | 1.07<br>(0.042) | 2.84<br>(0.112) | 3.81<br>(0.150) | 4          | 1    |
| 7721-3PPSG  | RoHS  Compliant | Product Change Notice | 7.11<br>(0.280) | 3.18<br>(0.125) | 1.07<br>(0.042) | 2.84<br>(0.112) | 3.56<br>(0.140) | 4          | 1    |
| 7721-4PPS   | RoHS  Compliant | N/A                   | 7.92<br>(0.312) | .79<br>(0.081)  | 1.19<br>(0.047) | 3.71<br>(0.146) | 4.83<br>(0.190) | 6          | 1    |
| 7721-5PPSG  | RoHS  Compliant | Product Change Notice | 7.92<br>(0.312) | .79<br>(0.031)  | 1.19<br>(0.047) | 3.66<br>(0.144) | 4.50<br>(0.177) | 6          | 1    |
| 7721-6PPSG  | RoHS  Compliant | Product Change Notice | 7.11<br>(0.280) | .79<br>(0.031)  | 1.19<br>(0.047) | 3.00<br>(0.118) | 3.68<br>(0.145) | 4          | 1    |
| 7721-7PPSG* | RoHS  Compliant | Product Change Notice | 5.46<br>(0.215) | .81<br>(0.032)  | 1.02<br>(0.040) | 2.95<br>(0.116) | 3.43<br>(0.139) | 4          | 1    |
| 7721-8PPSG  | RoHS  Compliant | Product Change Notice | 6.22<br>(0.245) | 1.02<br>(0.040) | 1.02<br>(0.040) | 3.02<br>(0.119) | 3.56<br>(0.140) | 4          | 2    |
| 7721-9PPS   | RoHS  Compliant | N/A                   | 7.62<br>(0.300) | 1.22<br>(0.048) | 1.40<br>(0.055) | 2.97<br>(0.117) | 3.56<br>(0.140) | 4**        | 3    |
| 7721-10PPSG | RoHS  Compliant | Product Change Notice | 7.62<br>(0.300) | 2.41<br>(0.095) | 1.40<br>(0.055) | 2.97<br>(0.117) | 3.56<br>(0.140) | 4**        | 3    |

\* Design allows insertion in the tab of a TO-220.

\*\* Also for M3 Screw

## Nylon Shoulder Washers

RoHS Compliant



| Model                                                  | RoHS              | PCN                         | A                                 | B                                 | C                                 | D                                 | E                                 |
|--------------------------------------------------------|-------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 7721-11NG<br>Formerly<br>Motorola<br>p/n<br>B51547F003 | RoHS<br>Compliant | Product<br>Change<br>Notice | 7.80 / 8.05<br>(0.307 /<br>0.317) | 2.87 / 3.00<br>(0.113 /<br>0.118) | 3.56 / 3.81<br>(0.140 /<br>0.150) | 3.76 / 3.89<br>(1.48 / 1.53)      | 1.09 / 1.35<br>(0.043 /<br>0.053) |
| 7721-12N<br>Formerly<br>Motorola<br>p/n<br>B51547F005  | RoHS<br>Compliant | N/A                         | 9.40 / 9.65<br>(0.370 / .380)     | 3.84 / 4.09<br>(0.151 / .161)     | 2.16 / 2.41<br>(0.085 / .095)     | 6.10 / 6.35<br>(0.240 / .250)     | 1.02 / 1.27<br>(0.040 / .050)     |
| 7721-13NG<br>Formerly<br>Motorola<br>p/n<br>B51547F011 | RoHS<br>Compliant | Product<br>Change<br>Notice | 5.89 / 6.05<br>(0.232 /<br>0.238) | 2.87 / 3.00<br>(0.113 /<br>0.118) | 4.11 / 4.45<br>(0.162 /<br>0.175) | 3.43/ 3.56<br>(0.135 /<br>0.140)  | 1.19/ 1.40<br>(0.047 /<br>0.055)  |
| 7721-14N<br>Formerly<br>Motorola<br>p/n<br>B51547F018  | RoHS<br>Compliant | N/A                         | 6.40 / 6.60<br>(0.252 / .260)     | 2.90 / 3.10<br>(0.114 / .122)     | 2.69 / 2.90<br>(0.106 / .114)     | 3.89 / 4.09<br>(0.153 / .161)     |                                   |
| 7721-15NG<br>Formerly<br>Motorola<br>p/n<br>B51547F019 | RoHS<br>Compliant | Product<br>Change<br>Notice | 5.59 / 6.10<br>(0.220 /<br>0.240) | 2.90 / 2.95<br>(0.114 /<br>0.116) | 1.73 / 1.91<br>(0.068 /<br>0.075) | 3.43 / 3.58<br>(0.135 /<br>0.141) | .51 / 0.64<br>(0.020 /<br>0.025)  |