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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!



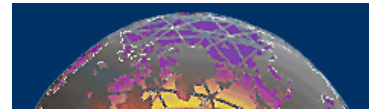
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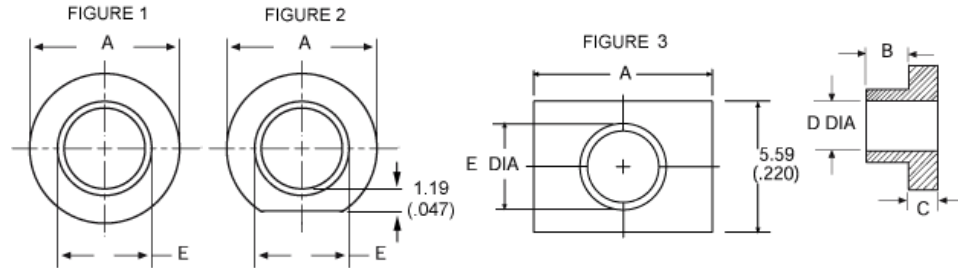
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## Insulating Shoulder Washers

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

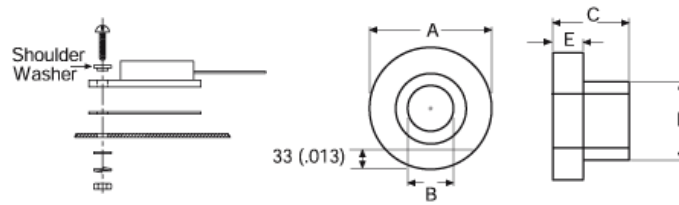
Note: A single gate extension, not to exceed 0.64mm (0.025") in length, is allowable on the outside of all shoulder washers.

Model	RoHS	PCN	A	B	C	D	E	Screw Size	Fig.
7721-1PPSG	RoHS  Compliant		7.11 (0.280)	3.18 (0.125)	1.07 (0.042)	2.84 (0.112)	3.81 (0.150)	4	1
7721-3PPSG	RoHS  Compliant		7.11 (0.280)	3.18 (0.125)	1.07 (0.042)	2.84 (0.112)	3.56 (0.140)	4	1
7721-4PPS	RoHS  Compliant	N/A	7.92 (0.312)	.79 (0.081)	1.19 (0.047)	3.71 (0.146)	4.83 (0.190)	6	1
7721-5PPSG	RoHS  Compliant		7.92 (0.312)	.79 (0.031)	1.19 (0.047)	3.66 (0.144)	4.50 (0.177)	6	1
7721-6PPSG	RoHS  Compliant		7.11 (0.280)	.79 (0.031)	1.19 (0.047)	3.00 (0.118)	3.68 (0.145)	4	1
7721-7PPSG*	RoHS  Compliant		5.46 (0.215)	.81 (0.032)	1.02 (0.040)	2.95 (0.116)	3.43 (0.139)	4	1
7721-8PPSG	RoHS  Compliant		6.22 (0.245)	1.02 (0.040)	1.02 (0.040)	3.02 (0.119)	3.56 (0.140)	4	2
7721-9PPS	RoHS  Compliant	N/A	7.62 (0.300)	1.22 (0.048)	1.40 (0.055)	2.97 (0.117)	3.56 (0.140)	4**	3
7721-10PPSG	RoHS  Compliant		7.62 (0.300)	2.41 (0.095)	1.40 (0.055)	2.97 (0.117)	3.56 (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 Formerly Motorola p/n B51547F003	RoHS Compliant	 Product Change Notice	7.80 / 8.05 (0.307 / 0.317)	2.87 / 3.00 (0.113 / 0.118)	3.56 / 3.81 (0.140 / 0.150)	3.76 / 3.89 (1.48 / 1.53)	1.09 / 1.35 (0.043 / 0.053)
7721-12N Formerly Motorola p/n B51547F005	RoHS Compliant	N/A	9.40 / 9.65 (0.370 / .380)	3.84 / 4.09 (0.151 / .161)	2.16 / 2.41 (0.085 / .095)	6.10 / 6.35 (0.240 / .250)	1.02 / 1.27 (0.040 / .050)
7721-13NG Formerly Motorola p/n B51547F011	RoHS Compliant	 Product Change Notice	5.89 / 6.05 (0.232 / 0.238)	2.87 / 3.00 (0.113 / 0.118)	4.11 / 4.45 (0.162 / 0.175)	3.43/ 3.56 (0.135 / 0.140)	1.19/ 1.40 (0.047 / 0.055)
7721-14N Formerly Motorola p/n B51547F018	RoHS Compliant	N/A	6.40 / 6.60 (0.252 / .260)	2.90 / 3.10 (0.114 / .122)	2.69 / 2.90 (0.106 / .114)	3.89 / 4.09 (0.153 / .161)	
7721-15NG Formerly Motorola p/n B51547F019	RoHS Compliant	 Product Change Notice	5.59 / 6.10 (0.220 / 0.240)	2.90 / 2.95 (0.114 / 0.116)	1.73 / 1.91 (0.068 / 0.075)	3.43 / 3.58 (0.135 / 0.141)	.51 / 0.64 (0.020 / 0.025)