

SPRING-LINE® D-Connector Gaskets

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Chomerics' SPRING-LINE D-connector gaskets answer most shielding and grounding needs for standard connector interfaces. The gaskets are available in both high performance beryllium-copper and economical stainless steel. D-connector gaskets offer excellent EMI protection by ensuring that maximum surface contact is achieved via independent fingers. This will lower closure force while improving conformance to surface irregularities.

Table 1 lists all standard gasket configurations available for 9-, 15-, 25-, 37- and 50-pin connectors. Each connector standard is available with two **cut out** configurations (dimensions A and E, see Table 1).

Table 1

| XXXX | Material | A | B | C | D | E | F | G |
|------|----------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|
| 09A1 | SS | 0.44 (11.18) | 0.78 (19.81) | 0.98 (24.89) | 1.41 (35.81) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 09A2 | SS | 0.35 (8.89) | 0.78 (19.81) | 0.98 (24.89) | 1.41 (35.81) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 09B1 | BeCu | 0.44 (11.18) | 0.78 (19.81) | 0.98 (24.89) | 1.41 (35.81) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 09B2 | BeCu | 0.35 (8.89) | 0.78 (19.81) | 0.98 (24.89) | 1.41 (35.81) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 15A1 | SS | 0.44 (11.18) | 1.11 (28.19) | 1.31 (33.27) | 1.74 (44.20) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 15A2 | SS | 0.35 (8.89) | 1.11 (28.19) | 1.31 (33.27) | 1.74 (44.20) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 15B1 | BeCu | 0.44 (11.18) | 1.11 (28.19) | 1.31 (33.27) | 1.74 (44.20) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 15B2 | BeCu | 0.35 (8.89) | 1.11 (28.19) | 1.31 (33.27) | 1.74 (44.20) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 25A1 | SS | 0.44 (11.18) | 1.65 (41.91) | 1.85 (46.99) | 2.28 (57.91) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 25A2 | SS | 0.35 (8.89) | 1.65 (41.91) | 1.85 (46.99) | 2.28 (57.91) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 25B1 | BeCu | 0.44 (11.18) | 1.65 (41.91) | 1.85 (46.99) | 2.28 (57.91) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 25B2 | BeCu | 0.35 (8.89) | 1.65 (41.91) | 1.85 (46.99) | 2.28 (57.91) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 37A1 | SS | 0.44 (11.18) | 2.29 (58.17) | 2.50 (63.50) | 2.93 (74.42) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 37A2 | SS | 0.35 (8.89) | 2.29 (58.17) | 2.50 (63.50) | 2.93 (74.42) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 37B1 | BeCu | 0.44 (11.18) | 2.29 (58.17) | 2.50 (63.50) | 2.93 (74.42) | 0.22 (5.59) | 0.69 (17.53) | 0.16 (4.06) |
| 37B2 | BeCu | 0.35 (8.89) | 2.29 (58.17) | 2.50 (63.50) | 2.93 (74.42) | 0.18 (4.57) | 0.69 (17.53) | 0.16 (4.06) |
| 50A1 | SS | 0.55 (13.97) | 2.20 (55.88) | 2.41 (61.21) | 2.84 (72.14) | 0.28 (7.11) | 0.80 (20.32) | 0.16 (4.06) |
| 50A2 | SS | 0.45 (11.43) | 2.20 (55.88) | 2.41 (61.21) | 2.84 (72.14) | 0.23 (5.84) | 0.80 (20.32) | 0.16 (4.06) |
| 50B1 | BeCu | 0.55 (13.97) | 2.20 (55.88) | 2.41 (61.21) | 2.84 (72.14) | 0.28 (7.11) | 0.80 (20.32) | 0.16 (4.06) |
| 50B2 | BeCu | 0.45 (11.43) | 2.20 (55.88) | 2.41 (61.21) | 2.84 (72.14) | 0.23 (5.84) | 0.80 (20.32) | 0.16 (4.06) |

***For additional plating options, please contact Chomerics Applications Engineering Dept.**

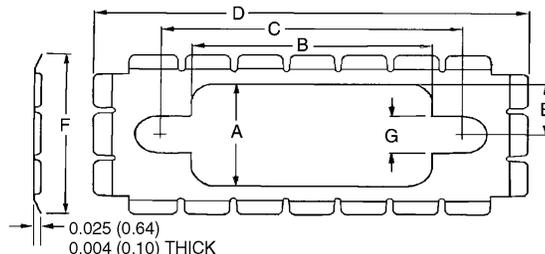
(mm dimensions in parentheses)



Table 2

| MATERIAL PROPERTIES |
|---|
| Stainless Steel Alloy - 301/302 Hardness - 1/2H |
| Beryllium-Copper Alloy - 25 (172) Temper (1,000 psi) - 1/4HT |

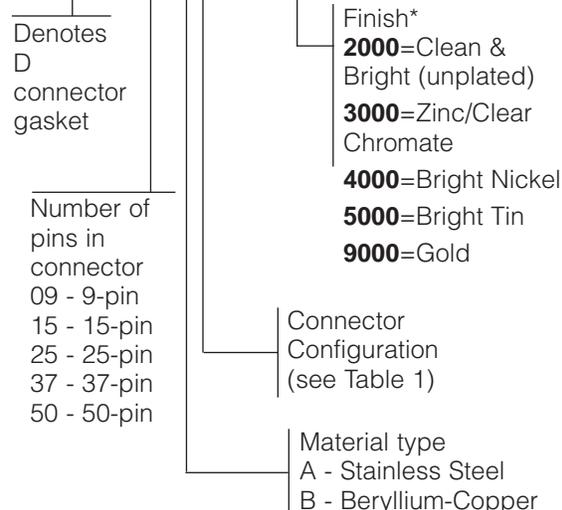
Figure 1



Ordering Procedure

Referring to Figure 1, use the following part number to order D-connector gaskets.

81 - D - XX XX - XXXX



SPRING-LINE Product