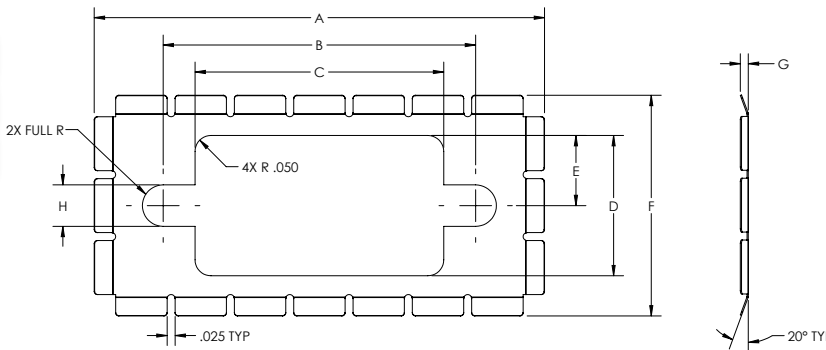
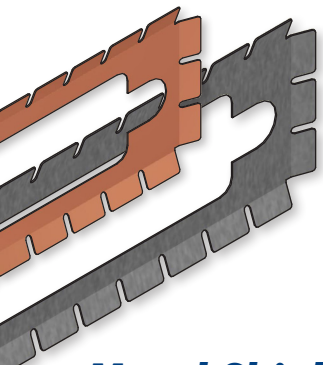


Metal Shielding Gaskets (Solid)



Metal Shielding Gaskets (Slotted)

Material Characteristics

D-SUB MINIATURE
very conformable to
irregular surfaces.

- Eliminates any gap problem between connector and I/O surface plates
- High Cycle

Typical Performance

Shielding Effectiveness
80 - 115dB

Frequency Range
20MHz - 10GHz

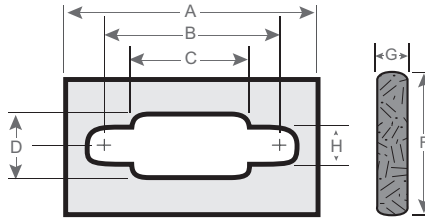
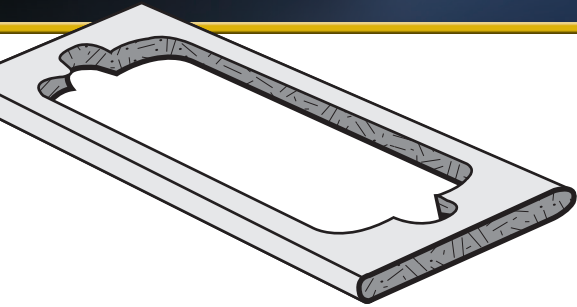
Construction
• BeCu or Stainless Steel
• Solid or slotted

Recommended Compression
30-50% of gasket height

Part Number		D-Sub Miniature - Solid and Slotted																
SLOTTED	SOLID	TYPE	A	B	C	D	E	F	G	H								
09D-210-XX	09D-110-XX	9 Pin	1.41	35.81	0.98	24.89	0.78	19.81	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
09D-200-SS	09D-100-SS	9 Pin	1.41	35.81	0.98	24.89	0.78	19.81	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
15D-210-XX	15D-110-XX	15 Pin	1.74	44.20	1.31	33.27	1.11	28.19	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
15D-200-SS	15D-100-SS	15 Pin	1.74	44.20	1.31	33.27	1.11	28.19	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
25D-210-XX	25D-110-XX	25 Pin	2.28	57.91	1.85	46.99	1.65	41.91	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
25D-200-SS	25D-100-SS	25 Pin	2.28	57.91	1.85	46.99	1.65	41.91	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
37D-210-XX	37D-110-XX	37 Pin	2.93	74.42	2.50	63.50	2.29	58.17	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
37D-200-SS	37D-100-SS	37 Pin	2.93	74.42	2.50	63.50	2.29	58.17	0.44	11.18	0.22	5.59	0.69	17.53	0.025	0.63	0.13	3.30
50D-210-XX	50D-110-XX	50 Pin	2.84	72.14	2.41	61.21	2.11	53.59	0.55	13.97	0.28	7.11	0.80	20.32	0.025	0.63	0.24	6.10
50D-200-SS	50D-100-SS	50 Pin	2.84	72.14	2.41	61.21	2.11	53.59	0.55	13.97	0.28	7.11	0.80	20.32	0.025	0.63	0.24	6.10

XX - Denotes the availability of finish/plating options. See chart below. Example: 09D-110-BD SS - Denotes stainless steel.
Black = inches Blue = mm

Standard Finish and Plating Options		
FINISH TYPE	SPECIFICATIONS	LEADER TECH FINISH CODE
BRIGHT FINISH	As Heat Treated	BD (Standard)
BRIGHT TIN	ASTM B-545	SN
SATIN TIN/MATTE TIN	ASTM B-545	ST
ELECTROLESS BRIGHT NICKEL ROHS	ASTM B 733	NI



Fabric Connector Gaskets

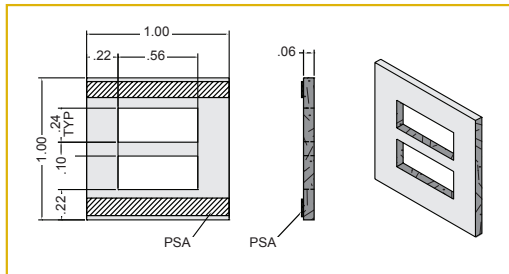
D-Sub Miniature																	
PART NUMBER	TYPE	A	B	C	D	E	F	G	H								
SG140009DS	9 Pin	1.40	35.56	0.98	24.89	0.78	19.81	0.44	11.18	0.22	5.59	0.7	17.78	0.1	2.54	0.15	3.81
SG175015DS	15 Pin	1.75	44.45	1.31	33.27	1.11	28.19	0.44	11.18	0.22	5.59	0.7	17.78	0.1	2.54	0.15	3.81
SG228025DS	25 Pin	2.28	57.91	1.85	46.99	1.65	41.91	0.44	11.18	0.22	5.59	0.7	17.78	0.1	2.54	0.15	3.81
SG293037DS	37 Pin	2.93	74.42	2.50	63.54	2.29	58.17	0.44	11.18	0.22	5.59	0.7	17.78	0.1	2.54	0.15	3.81
SG284050DS	50 Pin	2.84	72.14	2.41	61.21	2.20	55.88	0.55	13.97	0.28	7.11	0.8	20.32	0.1	2.54	0.15	3.81

Black = inches Blue = mm

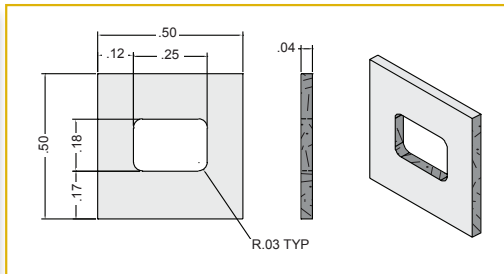
I/O Back Panel Profiles

Leader Tech offers a variety of standard I/O gaskets in a variety of configurations for computer and instrumentation applications. These profiles are made from .040" or .060" thick Leader Tech FSG material and can be made to custom shapes, sizes and thicknesses as well. PSA is standard on many profiles and available on all designs upon request. Leader Tech FSG I/O gaskets are all UL94-V0 rated and RoHS compliant.

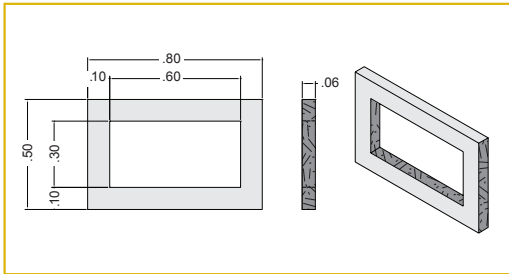
SG100001I



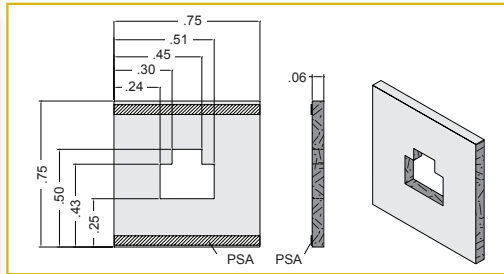
SG100003I



SG100004I



SG100005I



Material Characteristics

D-SUB MINIATURE
very conformable to
irregular surfaces.

- Eliminates any gap problem between connector and I/O surface plates. Compresses from .100" to .025" (2.5 to 0.6mm)
- Outside conductive surface is metalized CuNi fabric
- 9, 15, 25, 37 and 50 pin connector gaskets available in stock
- Available with adhesive tape. Please consult factory for ordering information
- Consult factory for custom profiles, thicknesses and sizes available

Typical Performance

Shielding Effectiveness
80 - 115dB

Frequency Range
20MHz - 10GHz

Dura-Layer Construction
Polyurethane foam core with
high-performance conductive copper
nickel ripstop fabric

Recommended Compression
30-50% of gasket height

Typical Cross Section Tolerances

±.010 in.	(0.25 mm)	0.04 in.	(1.02 mm)
for all dimensions up to			
±.020 in.	(0.50 mm)	0.04 in.	(1.02 mm)
for all dimensions above			
Detailed part drawings are available upon request.			

Typical Length Tolerances

0.20 to 6.00 in.	(5 - 152 mm)	±.03 in.	(0.76 mm)
6.01 to 18.00 in.	(153 - 457 mm)	±.06 in.	(1.52 mm)
18.01 to 48.00 in.	(458 - 1219 mm)	±.08 in.	(2.03 mm)



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RoHS
COMPLIANT

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