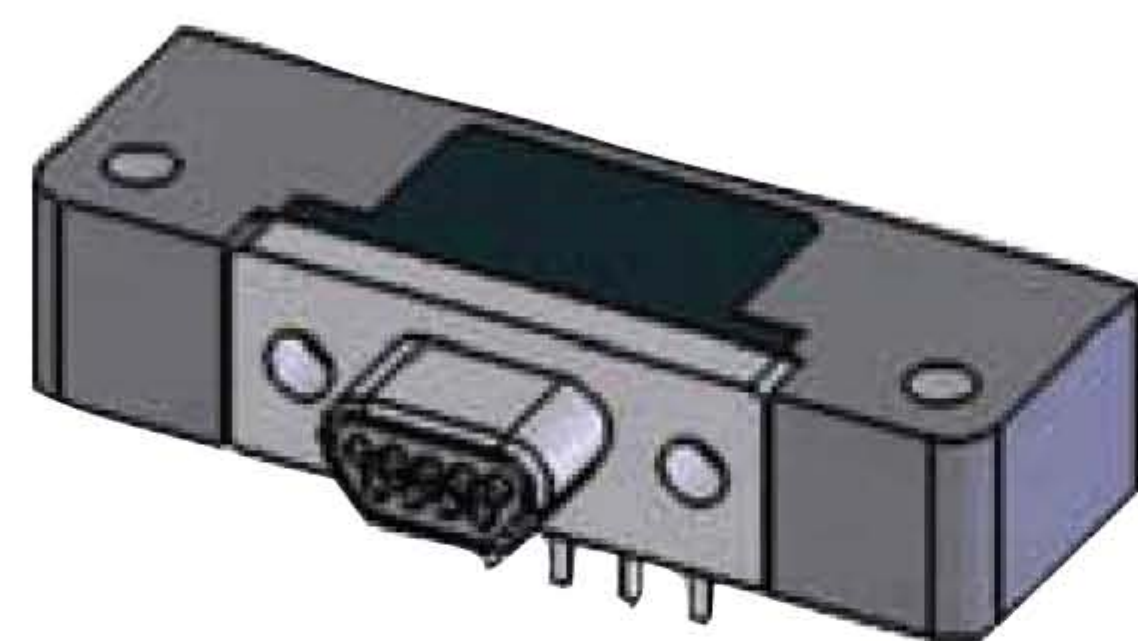




M83513 ORDERING INFORMATION PRINTED CIRCUIT BOARD TERMINATION:

M83513/XX - X XX X X

Specification Sheet

- 16 = plug (pin), BR type, sizes 9-37
- 17 = plug (pin), BR type, size 51
- 18 = plug (pin), BR type, size 100
- 19 = receptacle (socket), BR type, sizes 9-37
- 20 = receptacle (socket), BR type, size 51
- 21 = receptacle (socket), BR type, size 100

Hardware

- N = no jackpost or threaded insert
- P = jackpost
- T = threaded insert
- W = jackpost and threaded insert

Shell Finish

- C = cadmium
- N = electroless nickel
- P = passivated stainless steel

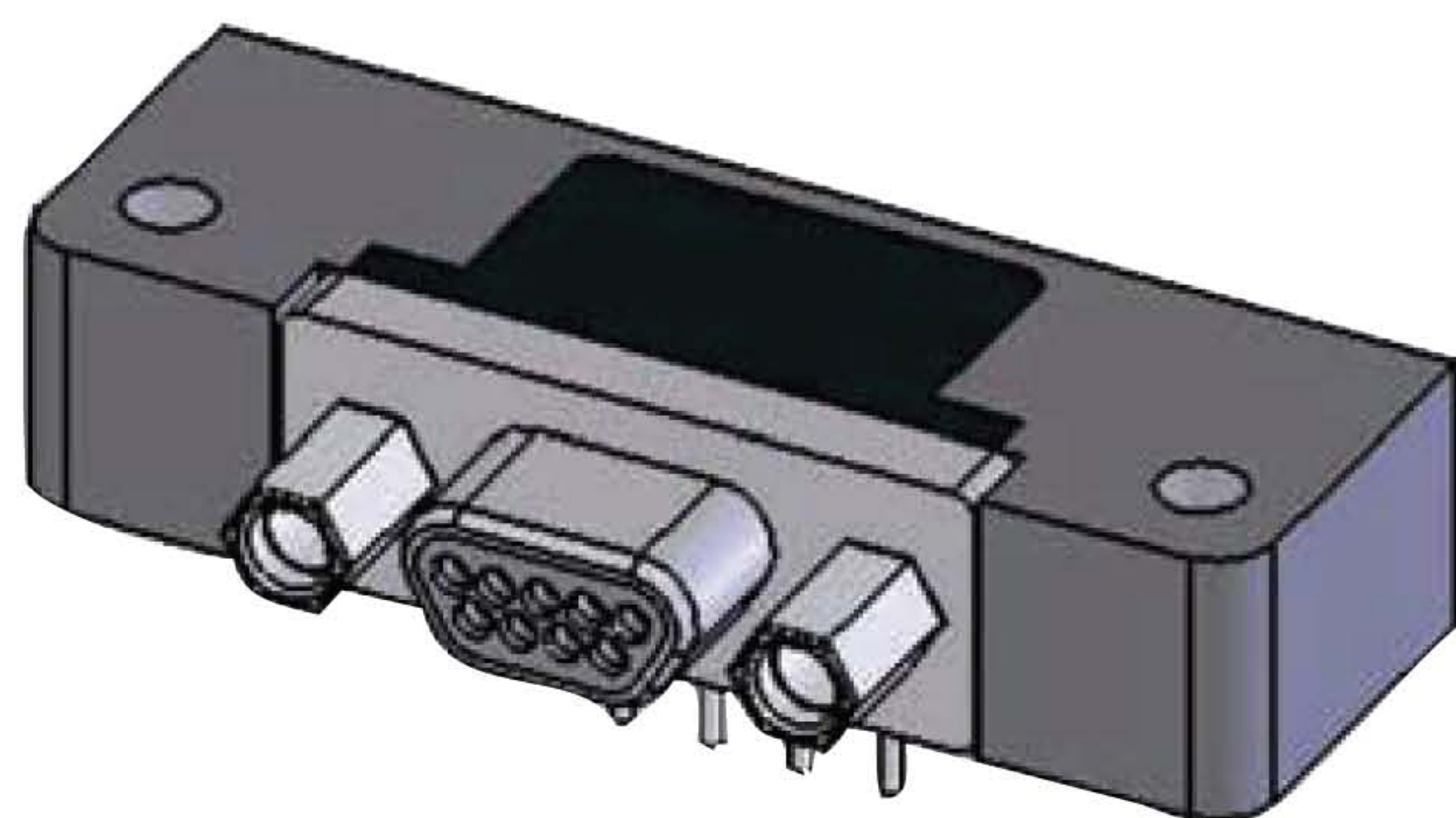
Lead Length (inches)

- 01 = .109 ± .015
- 02 = .140 ± .015
- 03 = .172 ± .015

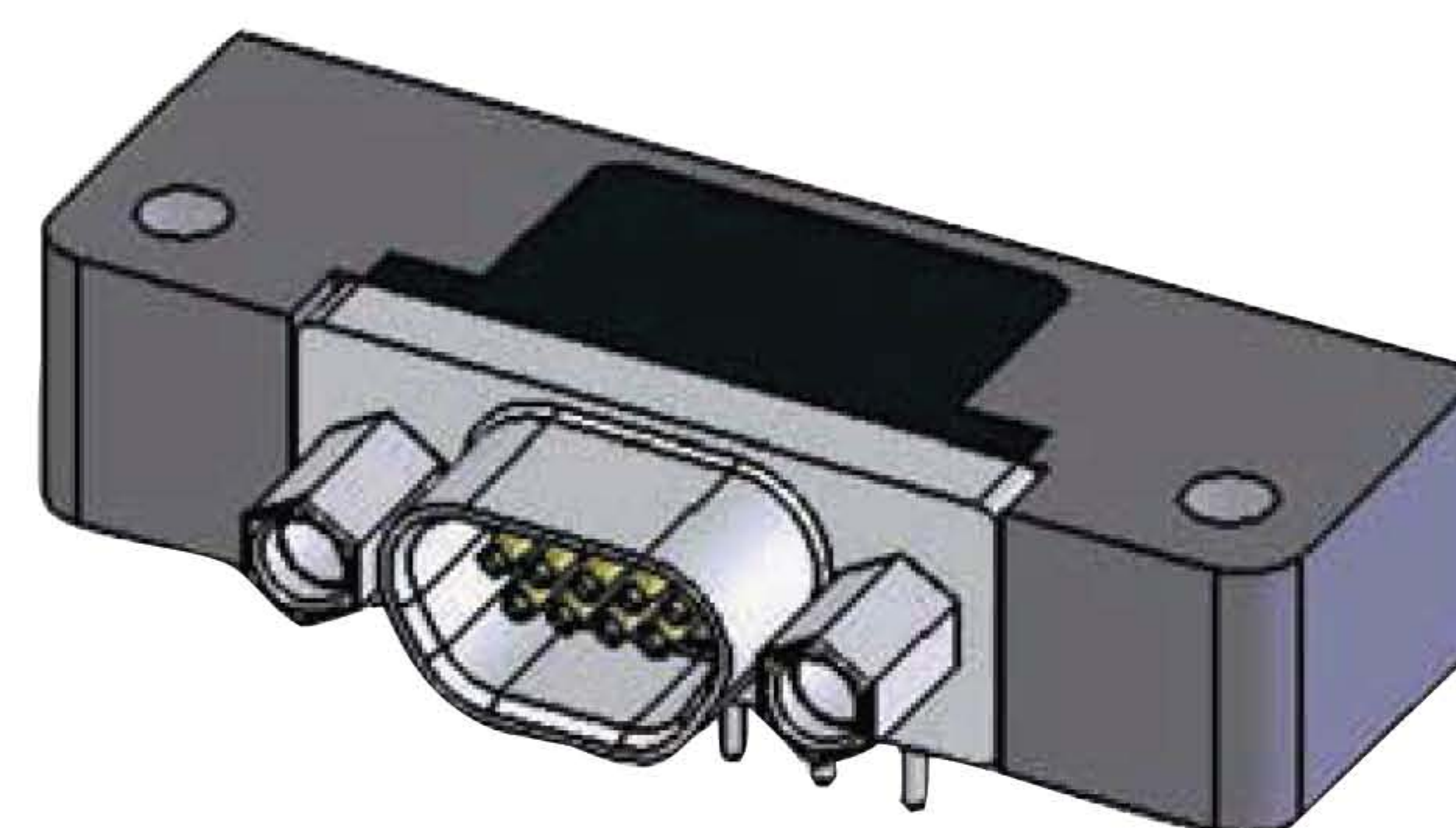
Insert Arrangement

- A = 9
- B = 15
- C = 21
- D = 25
- E = 31
- F = 37
- G = 51 (applicable for spec sheet 17, 20)
- H = 100 (applicable for spec sheet 18, 21)

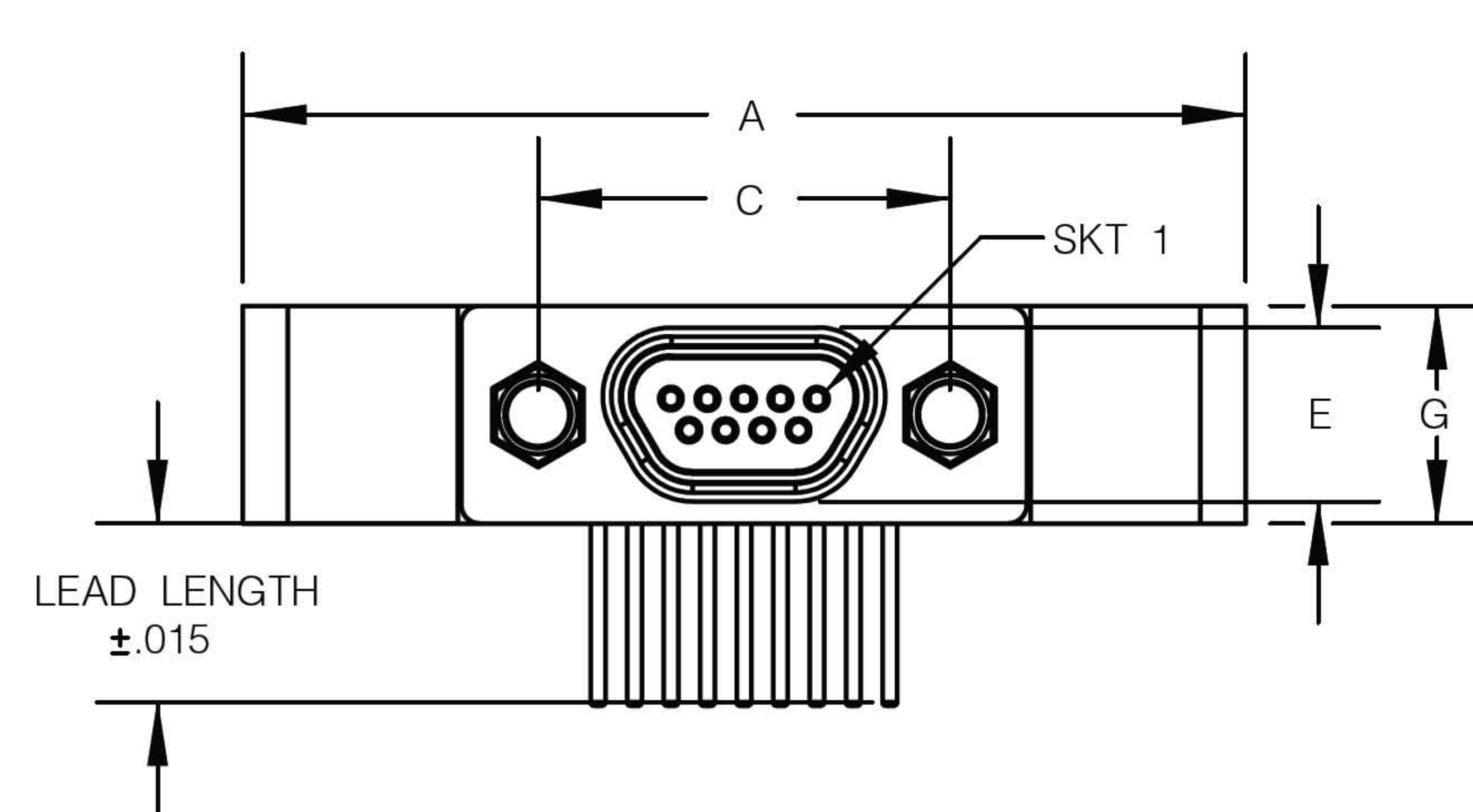
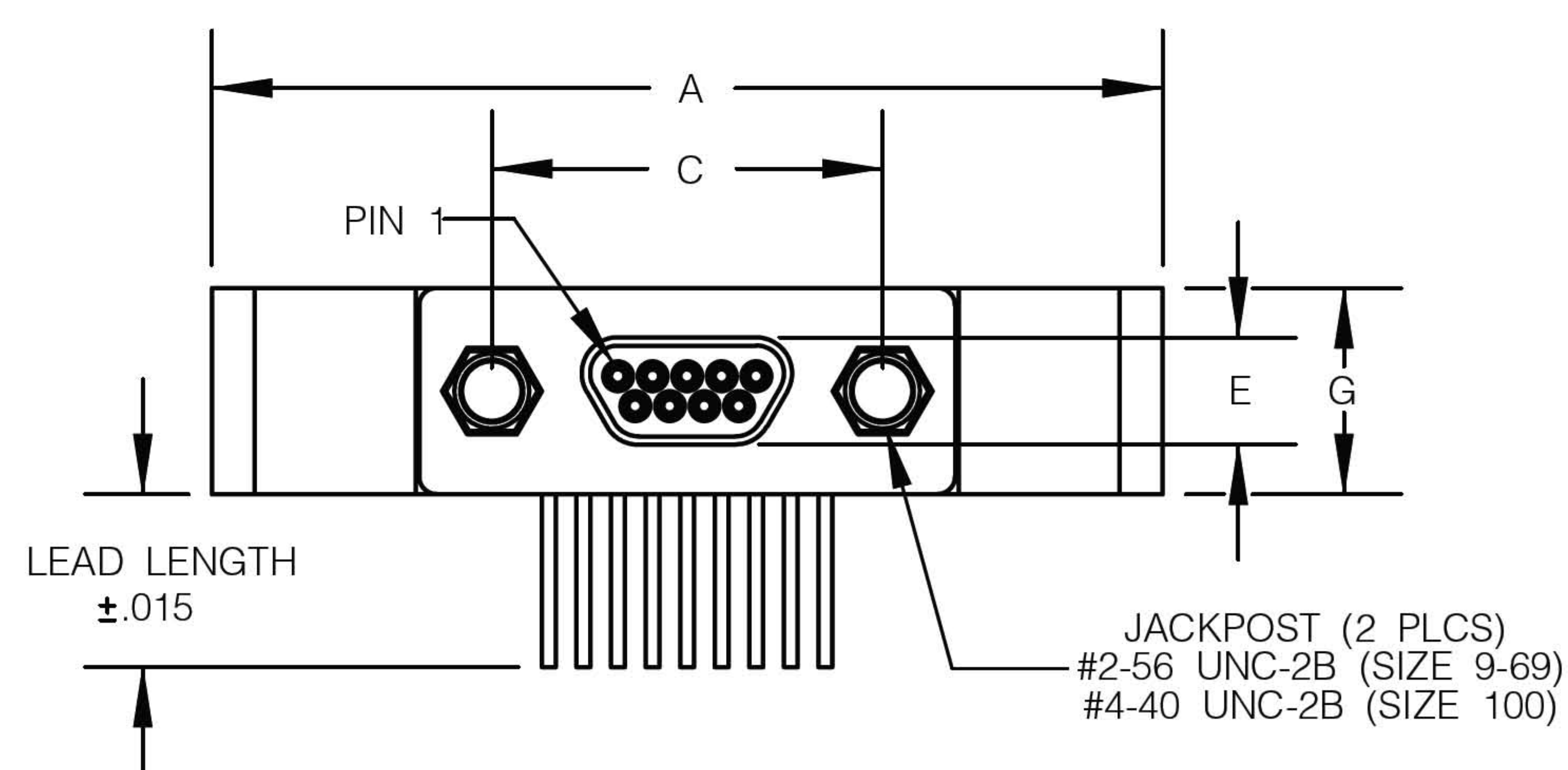
INCHES (MM)



PLUG

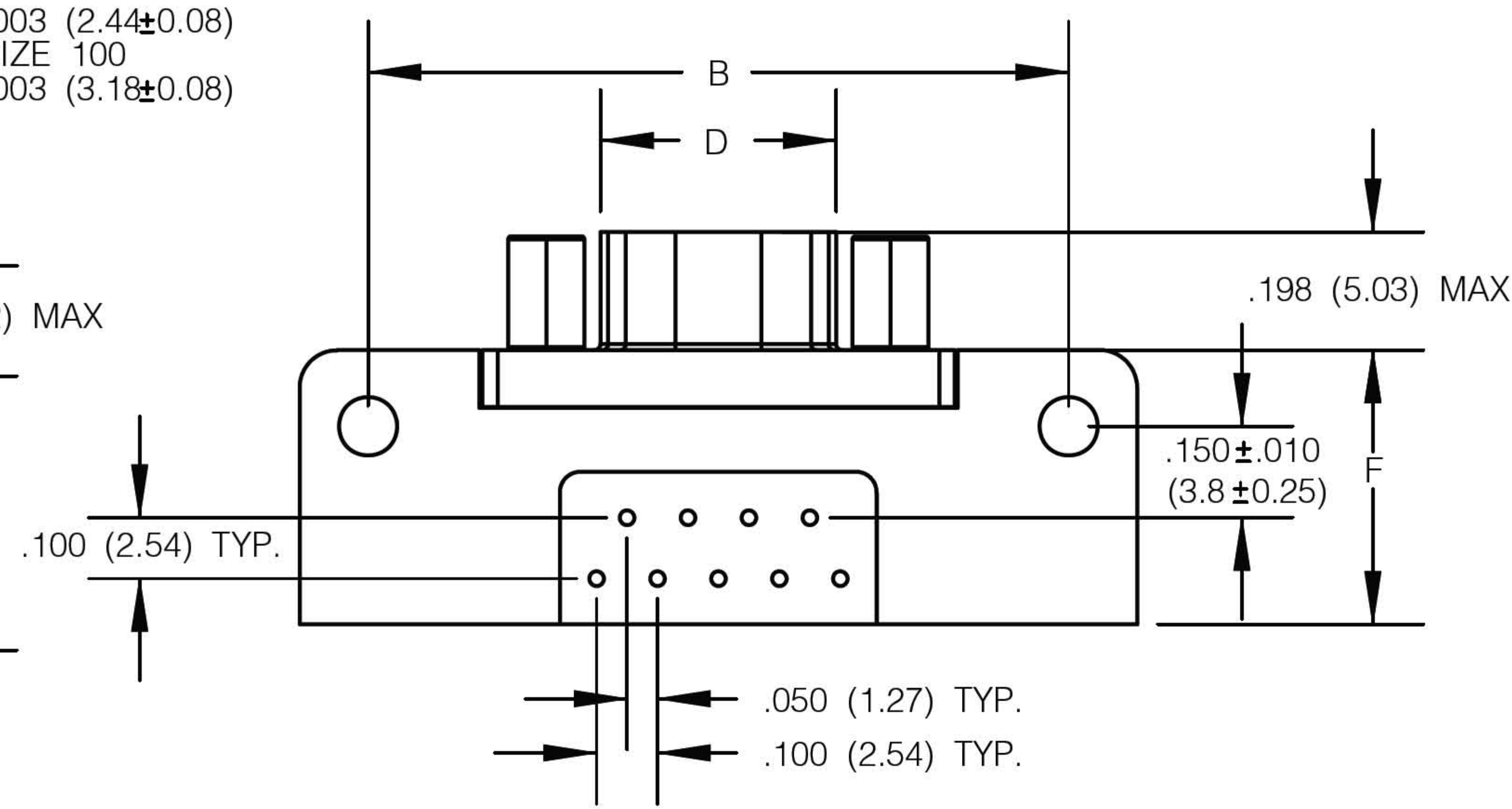
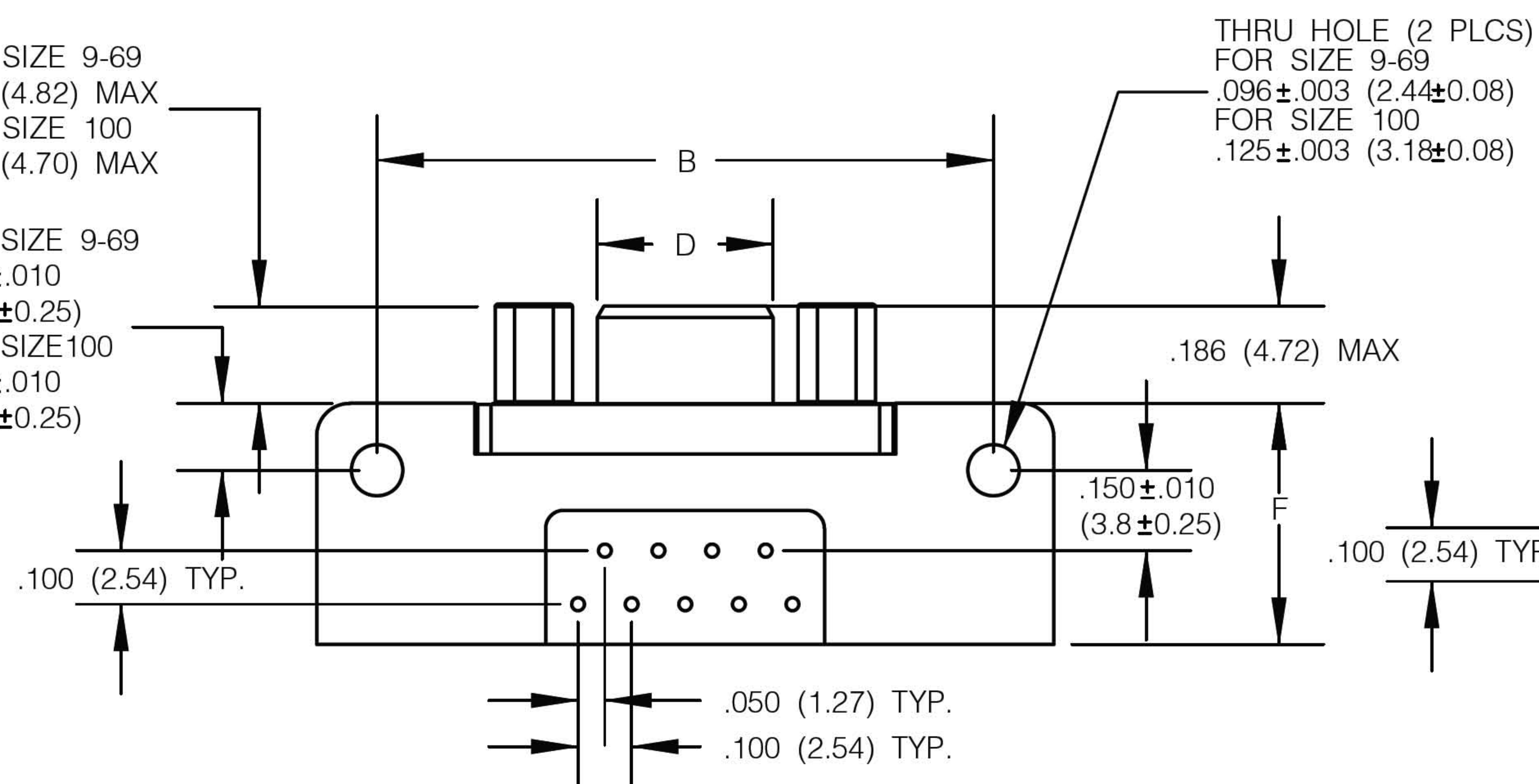


RECEPTACLE



FOR SIZE 9-69
 .190 (4.82) MAX
 FOR SIZE 100
 .185 (4.70) MAX

FOR SIZE 9-69
 .125±.010
 (3.18±0.25)
 FOR SIZE 100
 .225±.010
 (5.72±0.25)



SIZE	A MAX	B ±.007 (0.18)	C ±.005 (0.13)	D MAX		E MAX		F MAX	G MAX
				PLUG	RCPT	PLUG	RCPT		
09	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.334 (8.48)	.402 (10.21)	.185 (4.70)	.253 (6.43)	.455 (11.56)	.308 (7.82)
15	1.540 (39.12)	1.300 (33.02)	.715 (18.16)	.484 (12.29)	.552 (13.97)	.185 (4.70)	.253 (6.43)	.455 (11.56)	.308 (7.82)
21	1.690 (42.93)	1.450 (36.83)	.865 (21.97)	.634 (16.10)	.702 (17.83)	.185 (4.70)	.253 (6.43)	.455 (11.56)	.308 (7.82)
25	1.790 (45.47)	1.550 (39.37)	.965 (24.51)	.734 (18.64)	.802 (20.37)	.185 (4.70)	.253 (6.43)	.455 (11.56)	.308 (7.82)
31	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	.884 (22.45)	.952 (24.18)	.185 (4.70)	.253 (6.43)	.455 (11.56)	.308 (7.82)
37	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.034 (26.26)	1.102 (27.99)	.185 (4.70)	.253 (6.43)	.455 (11.56)	.308 (7.82)
51	1.875 (47.63)	1.600 (40.64)	1.215 (30.86)	.984 (24.99)	1.052 (26.72)	.228 (5.79)	.296 (7.52)	.565 (14.35)	.351 (8.92)
69	2.500 (63.50)	2.200 (55.88)	1.515 (38.48)	1.289 (32.74)	1.357 (34.47)	.228 (5.79)	.296 (7.52)	.565 (14.35)	.351 (8.92)
100	2.780 (70.61)	2.500 (63.50)	1.800 (45.72)	1.386 (35.15)	1.508 (38.10)	.271 (6.88)	.394 (10.01)	.765 (19.43)	.394 (10.01)

INCHES (MM)

Amphenol®
 Canada

RIGHT ANGLE (90 DEG) PC CONFIGURATIONS

.100 (2.54) x .100 (2.54) grid pattern, offset .050 (1.27)

Cavity identification numbers are for reference only and does not appear on the connector.

