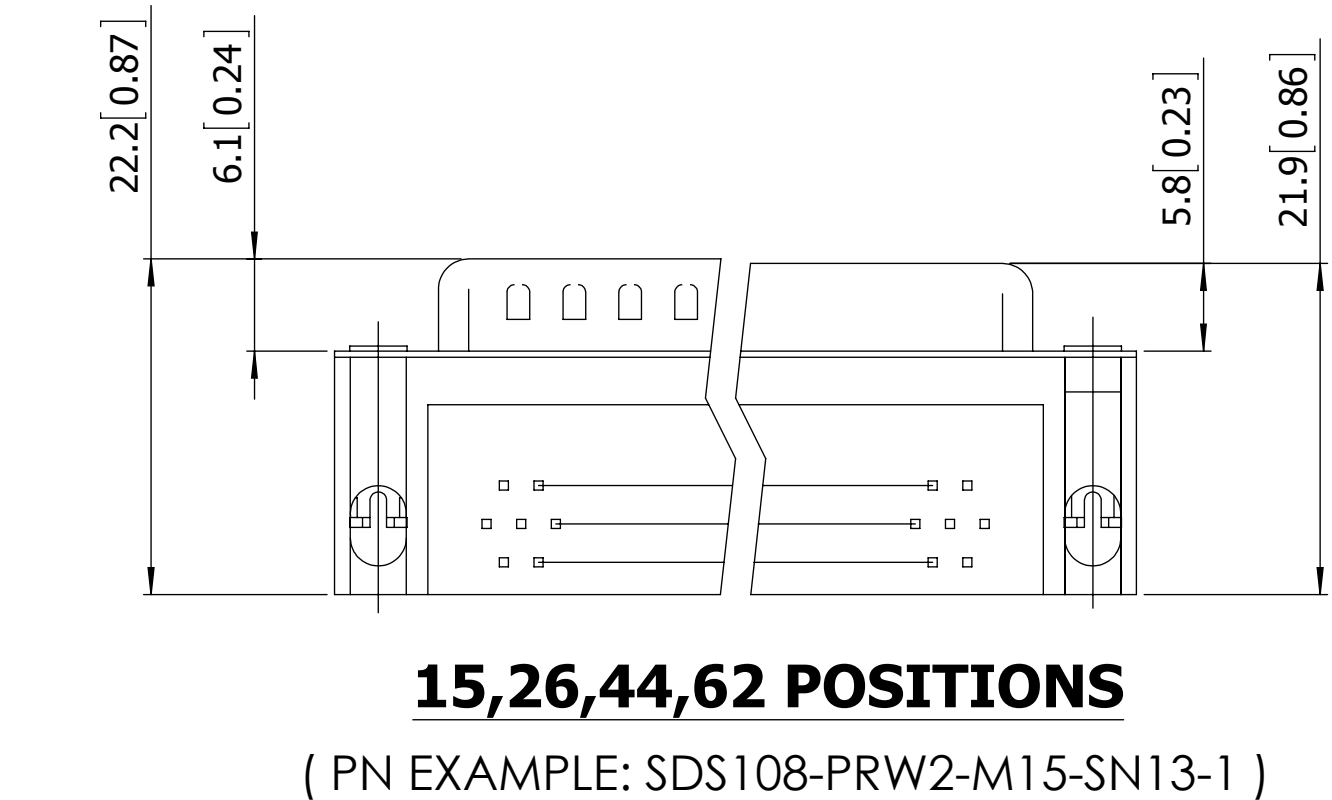
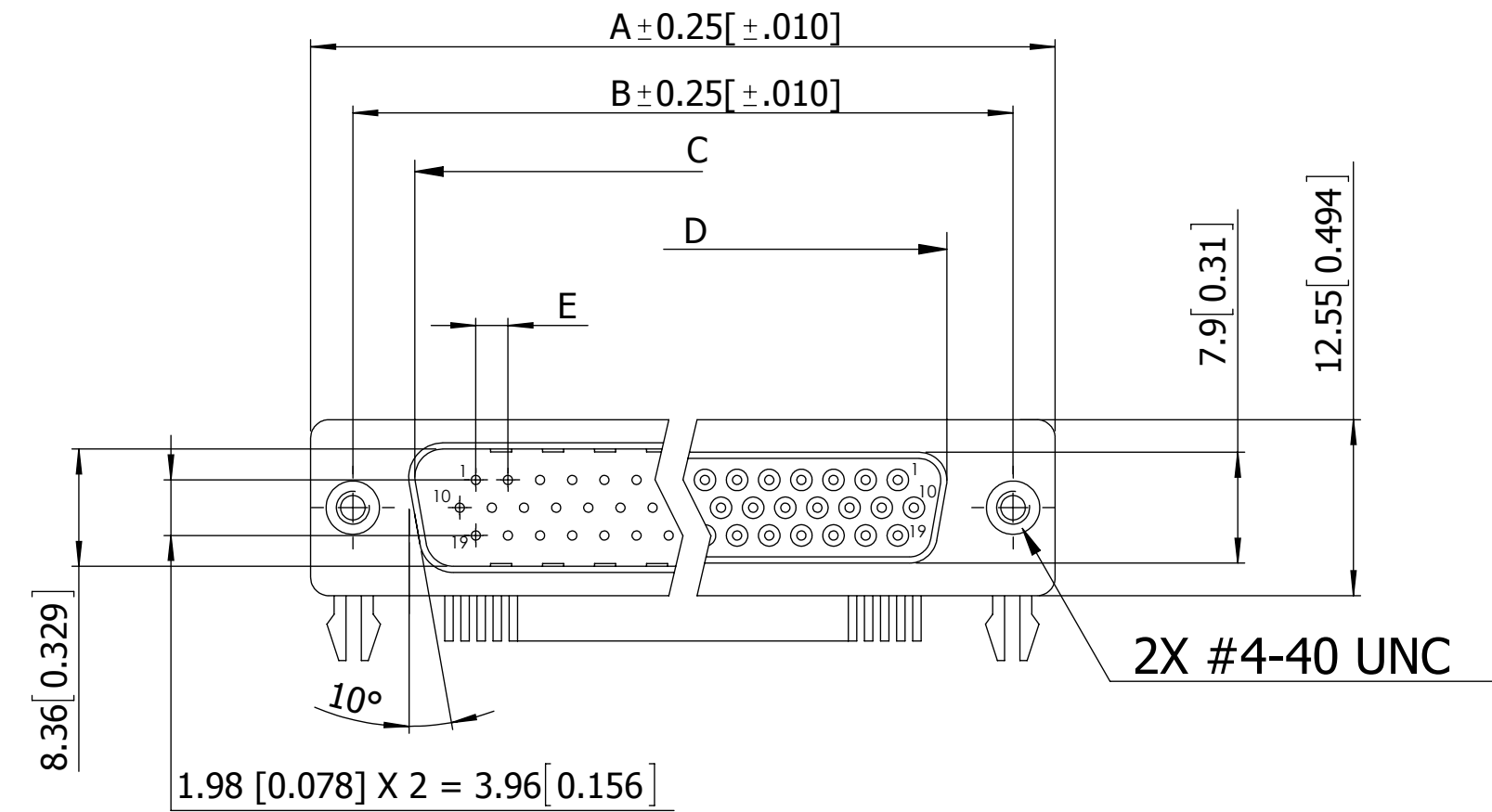


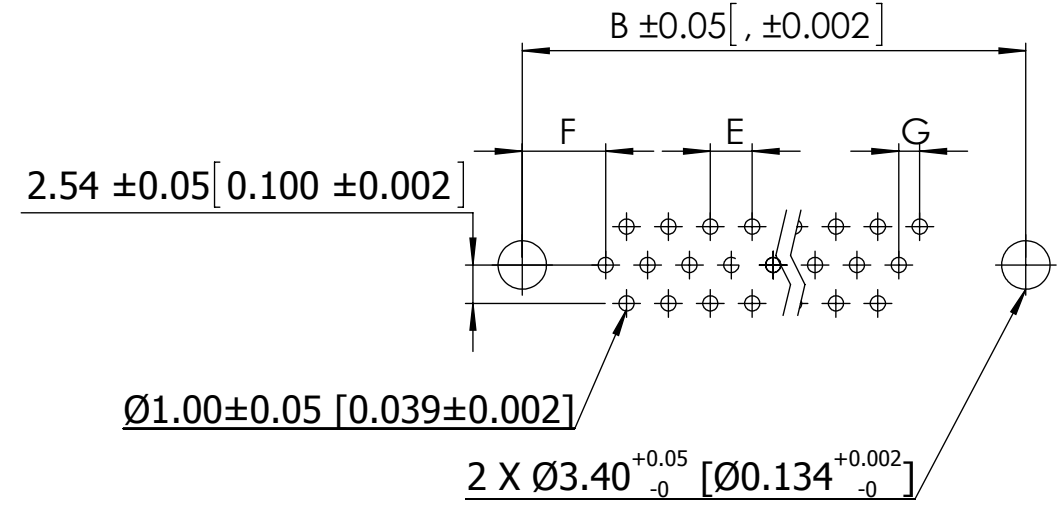
DIMENSIONS

POSITIONS	A		B		C		D		E		F		G	
	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH
15	30.81	1.213	24.99	0.984	16.92	0.666	16.33	0.643	2.29	0.090	7.04	0.277	1.145	0.0451
26	39.20	1.543	33.30	1.311	25.25	0.994	24.70	0.972	2.29	0.090	6.88	0.271	1.145	0.0451
44	53.05	2.088	47.04	1.852	38.96	1.534	38.40	1.512	2.29	0.090	6.88	0.271	1.145	0.0451
62	69.40	2.732	63.50	2.500	55.42	2.182	54.80	2.158	2.41	0.095	7.00	0.276	1.205	0.0474

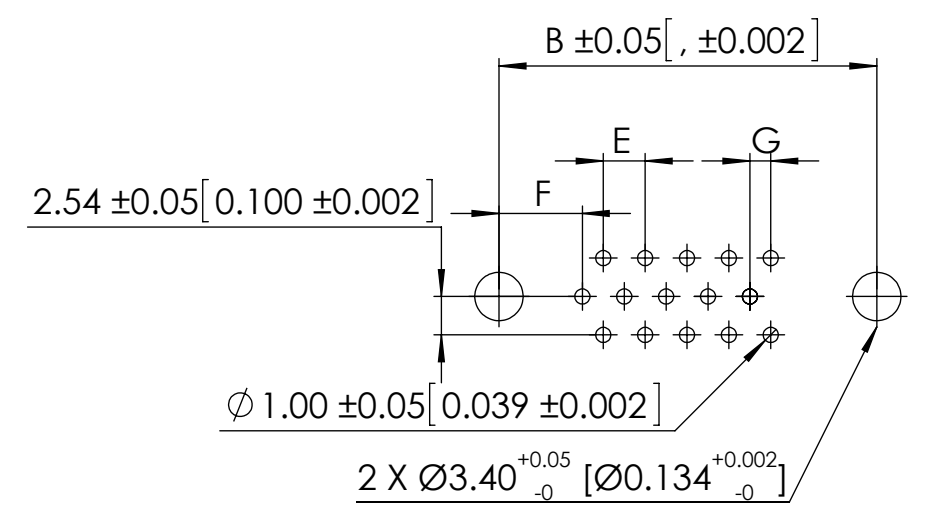


NOTES:
MATERIAL
INSULATOR : GLASS-FILLED THERMOPLASTIC PBT, UL94V-0
CONTACT: BRASS
SHELL : SPCC, .000100" TIN OVER .000050" MIN. COPPER (STANDARD, SEE PAGE 4)
CLINCH NUT : BRASS, NICKEL PLATED
BOARDLOCK : BRASS, TIN PLATED
SCREWLOCK : STEEL, NICKEL PLATED
OPERATING TEMPERATURE : -55°C TO +105°C

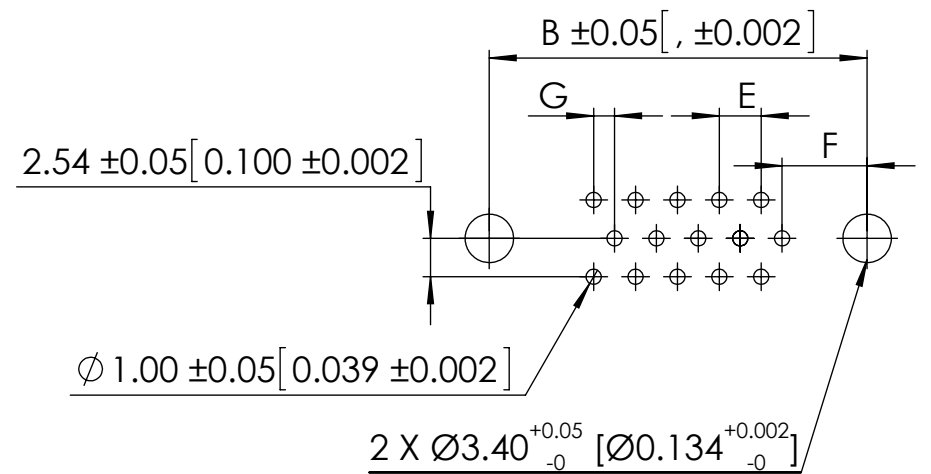
ELECTRICAL
CONTACT RESISTANCE : 20 MILLIOHMS MAX AT 1 AMP DC
INSULATION RESISTANCE : 1000 MAGOHMS AT 500 VDC
DIELECTRIC WITHSTANDING VOLTAGE : 1000 VAC/RMS 60Hz FOR 1 MINUTE
CURRENT RATING : 3 AMPS
VOLATGE RATING : 250 VAC/RMS 60Hz



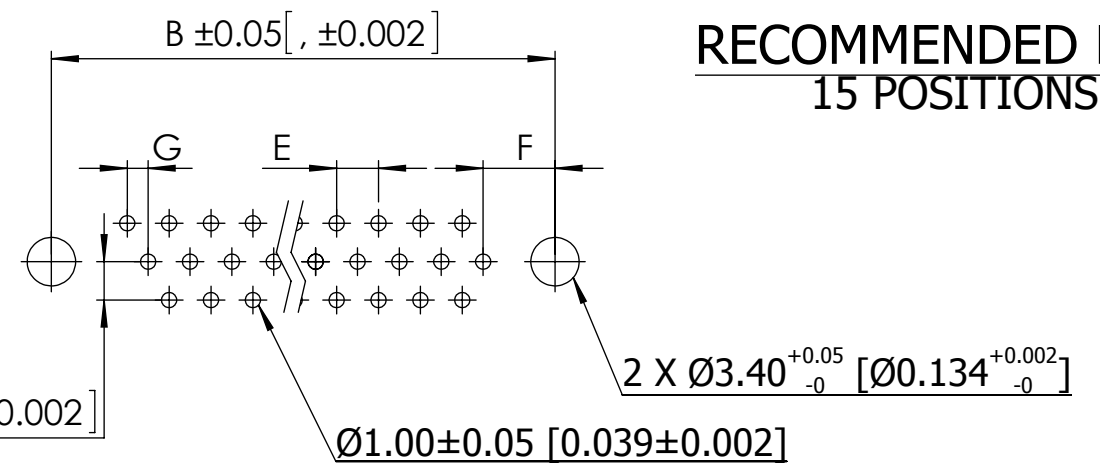
RECOMMENDED PCB LAYOUT
26,44,62 POSITIONS MALE



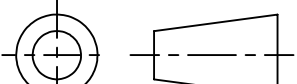
RECOMMENDED PCB LAYOUT
15 POSITIONS MALE



RECOMMENDED PCB LAYOUT
15 POSITIONS FEMALE

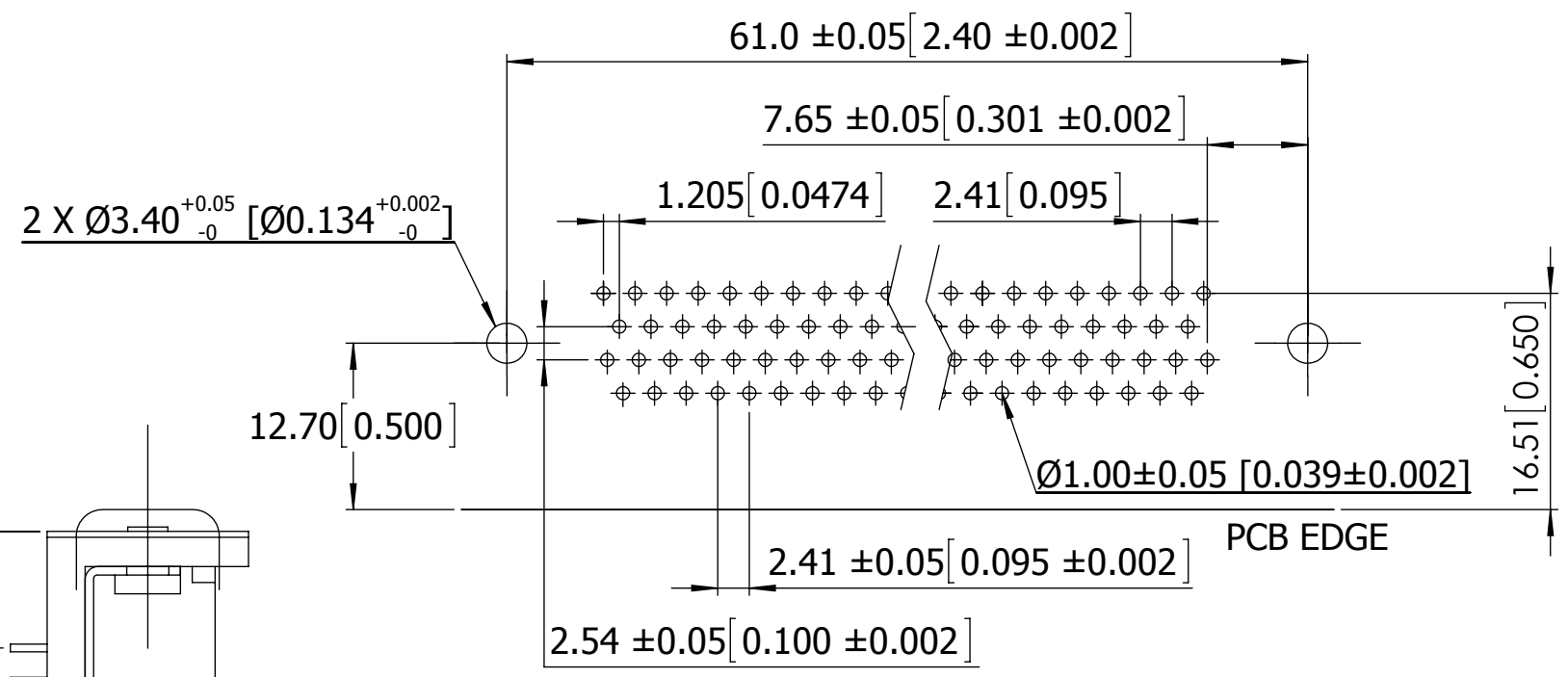
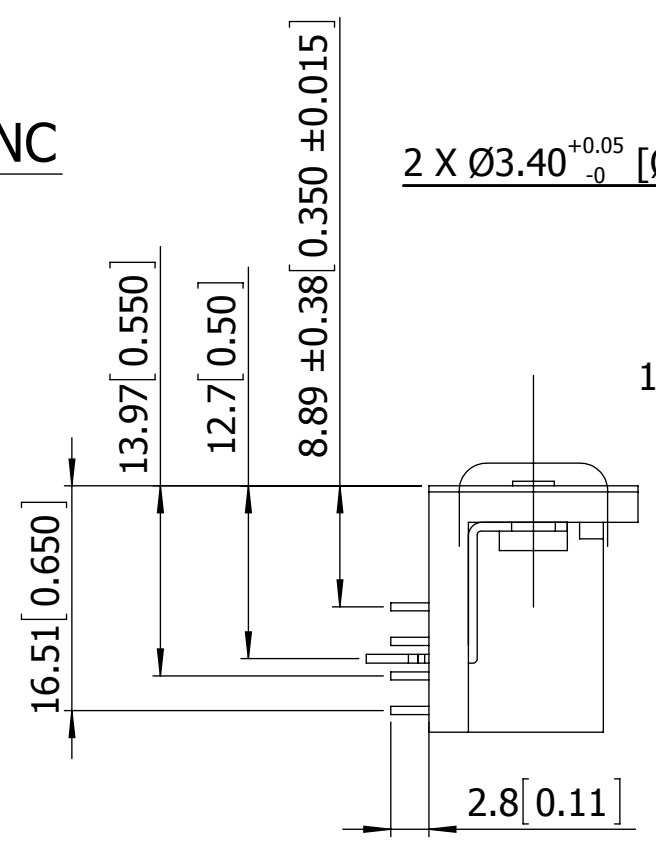
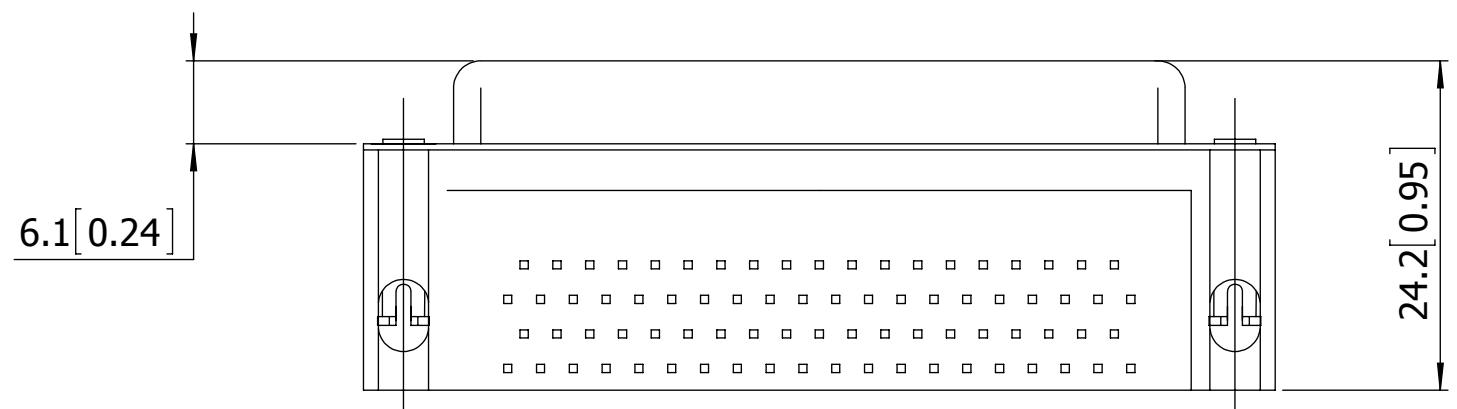
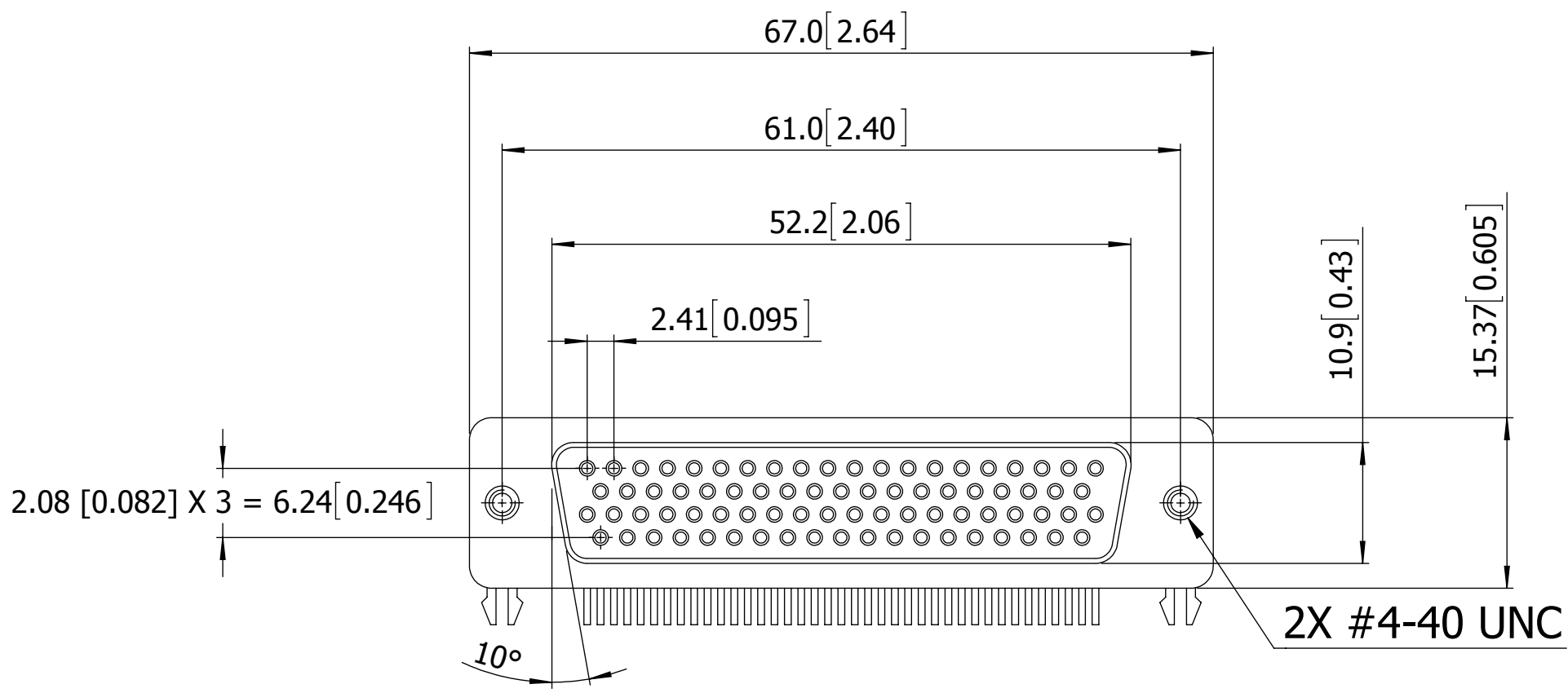


RECOMMENDED PCB LAYOUT
26,44,62 POSITIONS FEMALE

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]	DRAWN	DATE	NAME	 SULLINS CONNECTOR SOLUTIONS	
		07/01/2011	LH		
TOLERANCES: ANGULAR: ± 3° DECIMALS X.=± 0.38 [.015] X.=± 0.25 [.010] .XX=± 0.13 [.005]	THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE 108 SERIES D-SUB H.D. RIGHT ANGLE TYPE	
				PART NUMBER SDS108-PR__-__-SN__-1	
SIZE C				CAGE CODE 54453	DWG. NO. 11779
SCALE: 1:8				SHEET 1 OF 4	

F
E
D
C
B
A

F
E
D
C
B
A



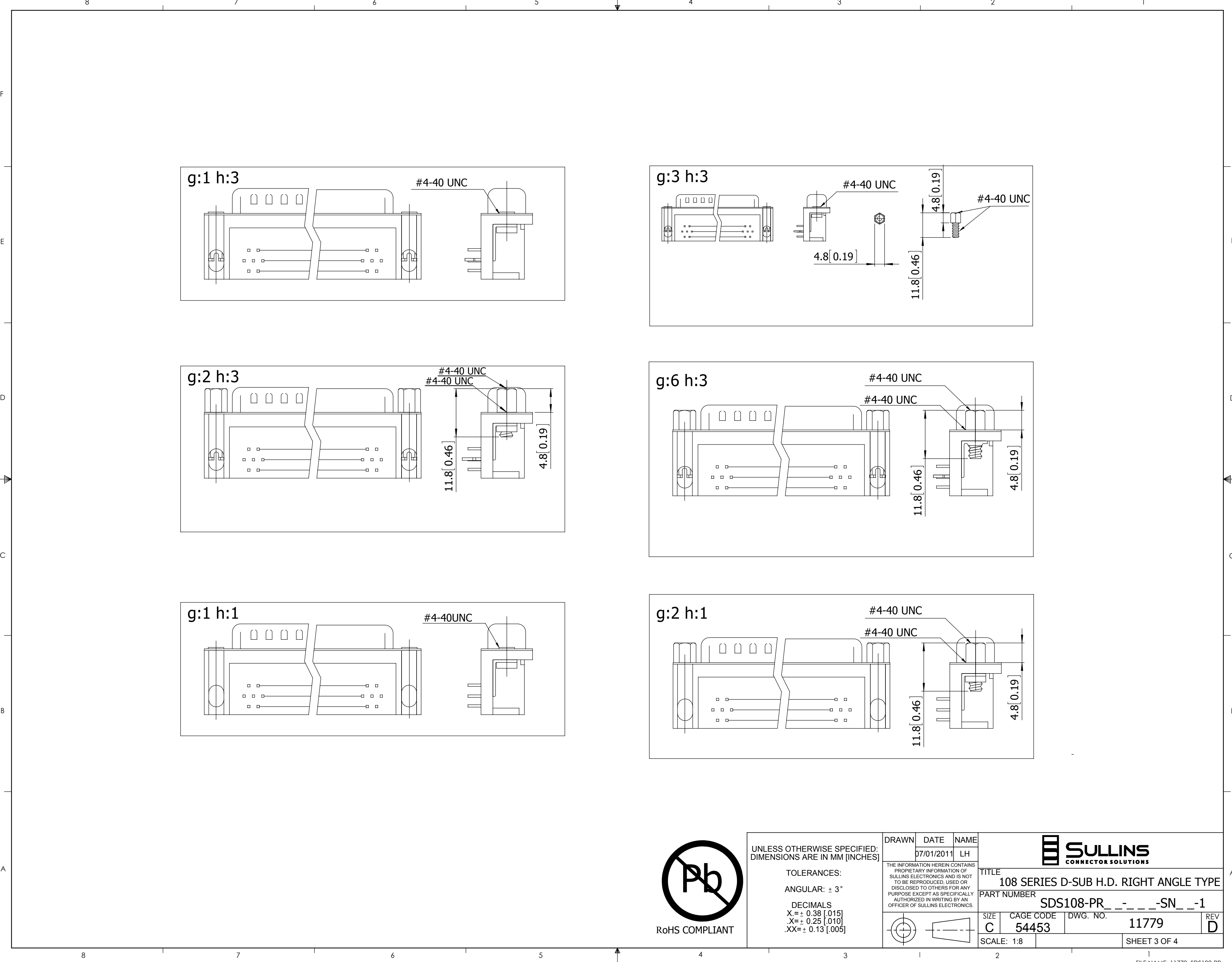
RECOMMENDED PCB LAYOUT
78 POSITIONS MALE / FEMALE

78 POSITIONS

(PN EXAMPLE: SDS108-PRW2-M78-SN13-1)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]		DRAWN	DATE	NAME		
			07/01/2011	LH		
TOLERANCES: ANGULAR: ± 3° DECIMALS X.=± 0.38 [.015] X.=± 0.25 [.010] .XX=± 0.13 [.005]		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE 108 SERIES D-SUB H.D. RIGHT ANGLE TYPE	
					PART NUMBER SDS108-PR_ _ - _ _ -SN_ _ -1	
		SIZE	CAGE CODE	DWG. NO.	REV	
		C	54453	11779	D	
SCALE: 1:8		SHEET 2 OF 4				



g:1 h:3

#4-40 UNC

g:3 h:3

#4-40 UNC

#4-40 UNC

4.8[0.19]

11.8[0.46]

4.8[0.19]

g:2 h:3

#4-40 UNC

#4-40 UNC

11.8[0.46]

4.8[0.19]

g:6 h:3

#4-40 UNC

#4-40 UNC

11.8[0.46]

4.8[0.19]

g:1 h:1

#4-40UNC

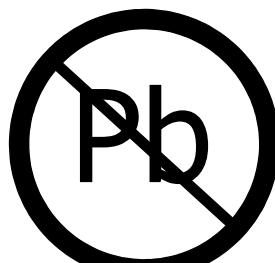
g:2 h:1

#4-40 UNC

#4-40 UNC

11.8[0.46]

4.8[0.19]



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM [INCHES]

TOLERANCES:

ANGULAR: $\pm 3^\circ$

DECIMALS

X = ± 0.38 [0.015]

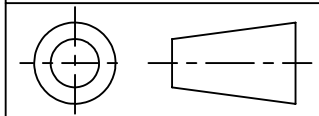
X = ± 0.25 [0.010]

.XX = ± 0.13 [0.005]

DRAWN DATE NAME

07/01/2011 LH

THE INFORMATION HEREIN CONTAINS
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AUTHORIZED IN WRITING BY AN
OFFICER OF SULLINS ELECTRONICS.



SULLINS
CONNECTOR SOLUTIONS

TITLE
108 SERIES D-SUB H.D. RIGHT ANGLE TYPE

PART NUMBER
SDS108-PR_-_-_-SN_-_-1

SIZE CAGE CODE DWG. NO. REV

C 54453 11779 D

SCALE: 1:8 SHEET 3 OF 4

SDS108-PR__-__-SN__-1

a b c d e f g h i

a. CONTACT PLATING
(ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE)
W = GOLD FLASH ON CONTACT SURFACE,
.000100" PURE TIN ON TERMINATION.
U = .000015" GOLD ON CONTACT SURFACE,
.000100" PURE TIN ON TERMINATION.
C = .000030" GOLD ON CONTACT SURFACE,
.000100" PURE TIN ON TERMINATION.
P = GOLD FLASH OVERALL.

b. SHELL PLATING
1 = NICKEL
2 = TIN (STANDARD)

c. CONTACT TYPE
M = MALE
F = FEMALE

d. NO. OF CONTACTS
15 = 15 POSITIONS
26 = 26 POSITIONS
44 = 44 POSITIONS
62 = 62 POSITIONS
78 = 78 POSITIONS

e. PIN TYPE
S = STAMPED PIN

f. FERRITE
N = WITHOUT FERRITE

g. FLANGE MOUNTING OPTION
0 = Ø3.05mm [Ø0.120] CLEARANCE HOLE (COMBINE WITH ITEM h: 0 ONLY)
1 = #4-40 FEMALE THREAD (COMBINE WITH h:1 OR h:3)
2 = #4-40 UNC (4.8 X 11.8mm [0.19 X 0.46]) FEMALE SCREWLOCK INSTALLED (COMBINE WITH h:1 OR h:3)
3 = #4-40 UNC (4.8 X 11.8mm [0.19 X 0.46]) FEMALE SCREWLOCK BULK-PACKED (COMBINE WITH h:1 OR h:3)
** 6 = #4-40 UNC (4.8 X 11.8mm [0.19 X 0.46]) FEMALE SCREWLOCK INSTALLED (COMBINE WITH h:3 ONLY)

** REMOVE SCREWLOCK TO DISASSEMBLE BOARDLOCK BRACKET

h. RIVET OPTIONS
0 = NONE
1 = GROUNDING STRAP ON PANEL
3 = GROUNDING HOOK BOARDLOCK+2 PRONG

i. INSULATOR COLOR
1 = BLACK (STANDARD)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]		DRAWN	DATE	NAME		
			07/01/2011	LH		
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					108 SERIES D-SUB H.D. RIGHT ANGLE TYPE	
					PART NUMBER	
					SDS108-PR__-__-SN__-1	
		SIZE		CAGE CODE	DWG. NO.	REV
		C		54453	11779	D
		SCALE: 1:8			SHEET 4 OF 4	