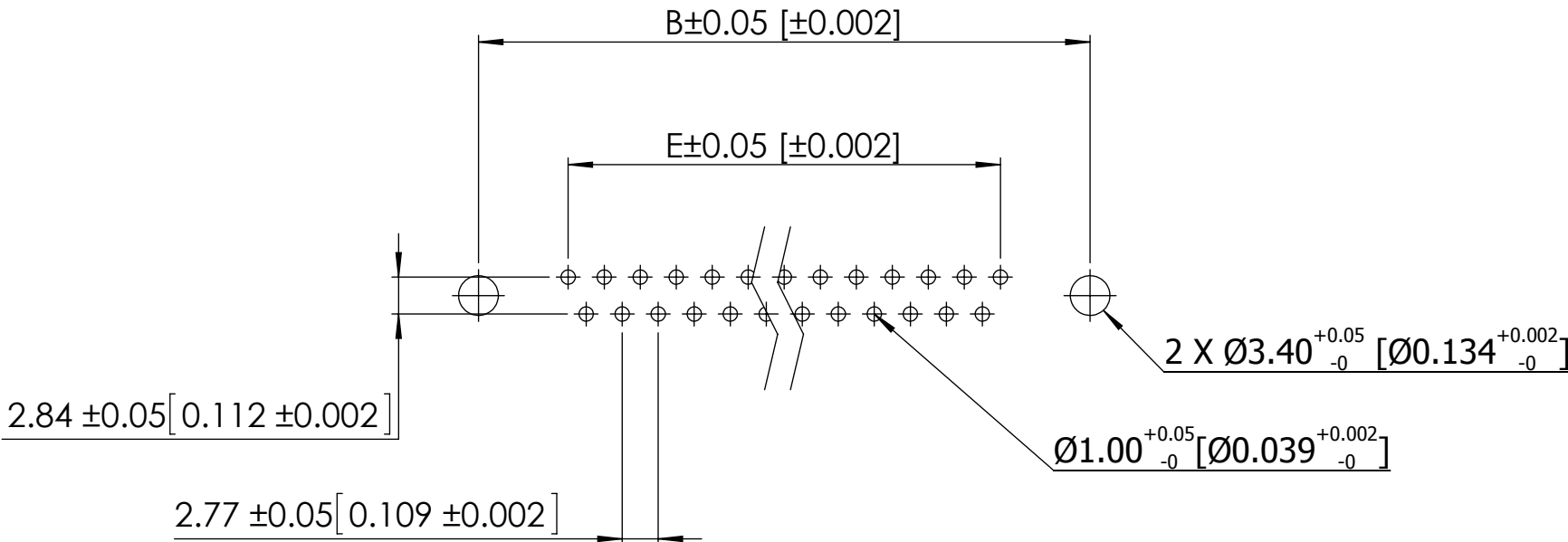
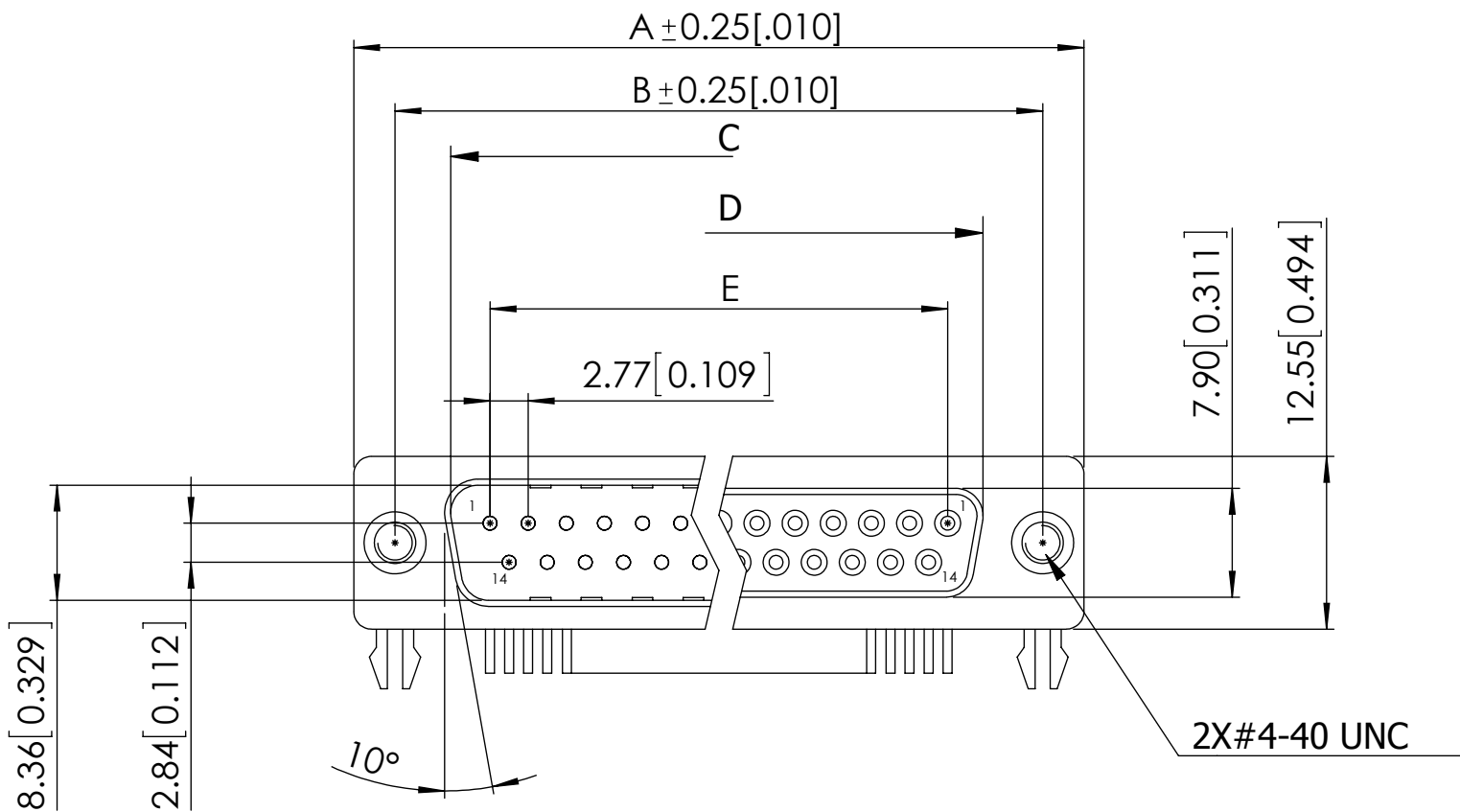
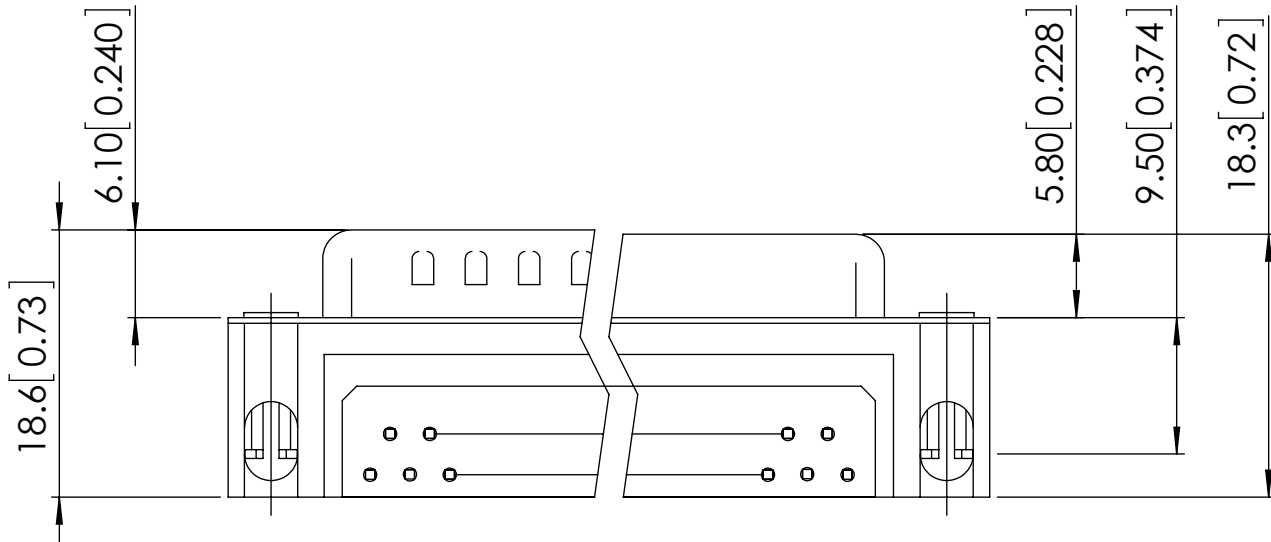


DIMENSIONS

POSITIONS	A		B		C		D		E	
	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH
9	30.81	1.213	24.99	0.984	16.92	0.666	16.33	0.643	11.08	0.436
15	39.20	1.543	33.30	1.311	25.25	0.994	24.70	0.972	19.39	0.763
25	53.05	2.088	47.04	1.852	38.96	1.534	38.40	1.512	33.24	1.309
37	69.40	2.732	63.50	2.500	55.42	2.182	54.80	2.158	49.86	1.963



RECOMMENDED PCB LAYOUT



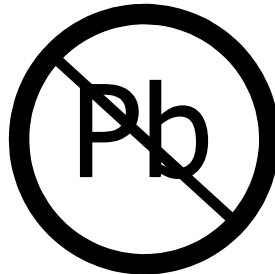
7.2mm [0.28] FOOTPRINT

(PN EXAMPLE: SDS107-PRW2-M09-SN13-11)

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

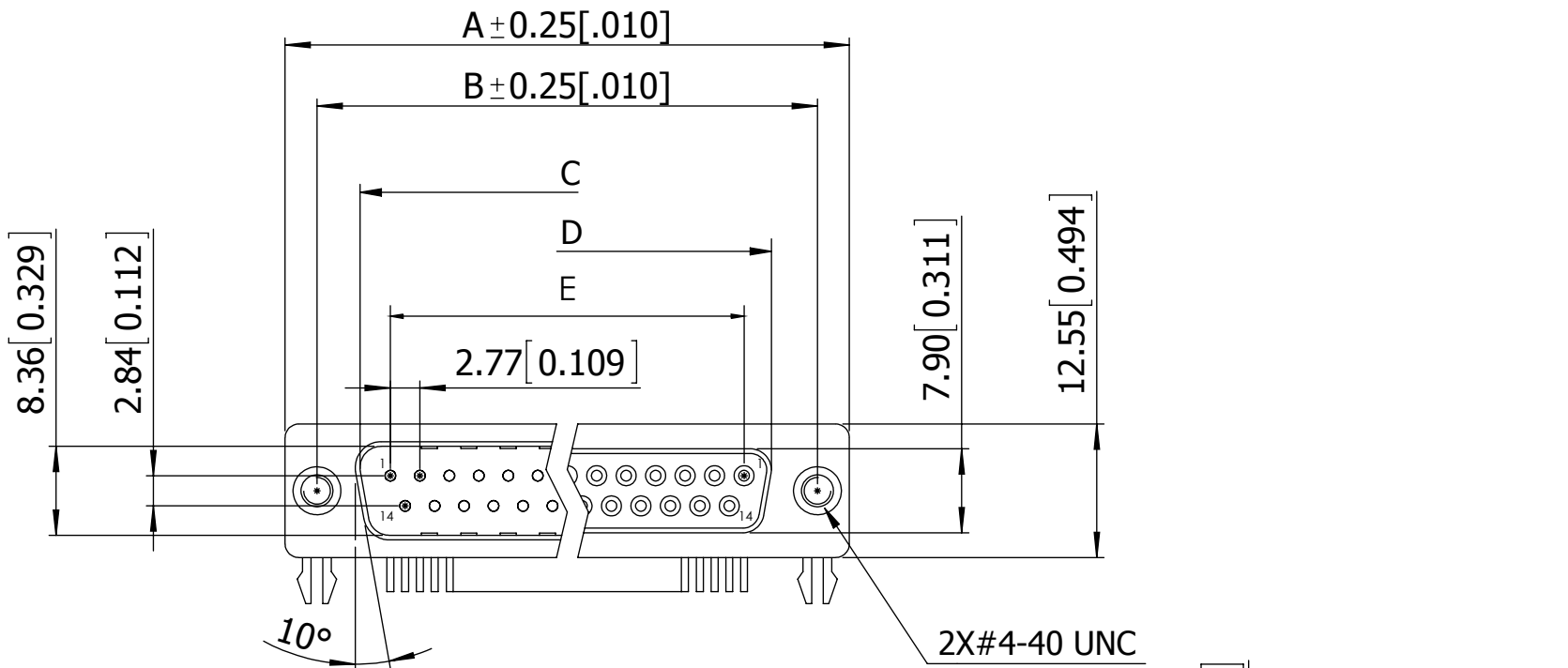


RoHS COMPLIANT

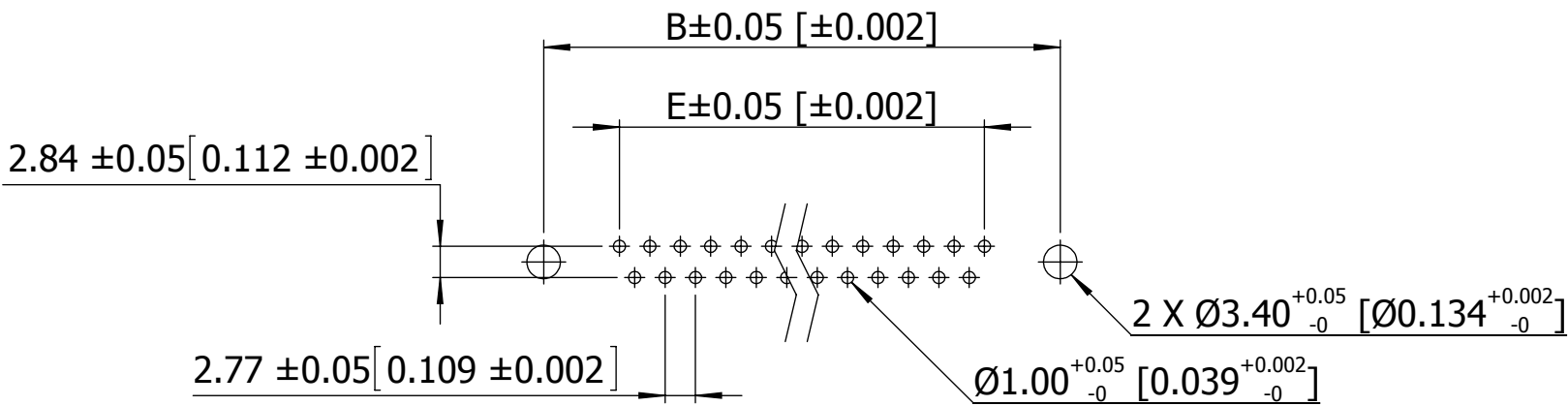
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]		DRAWN	DATE	NAME		
			07/01/2011	LH		
TOLERANCES: ANGULAR: ± 3° DECIMALS X.=± 0.38 [.015] X=± 0.25 [.010] .XX=± 0.13 [.005]		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE 107 SERIES D-SUB RIGHT ANGLE TYPE	
					PART NUMBER SDS107-PR_ _ _ _ -SN_ _ _ -1_	
				SIZE C	CAGE CODE 54453	DWG. NO. 11773
				SCALE: 1:8		REV D
				SHEET 1 OF 4		

DIMENSIONS

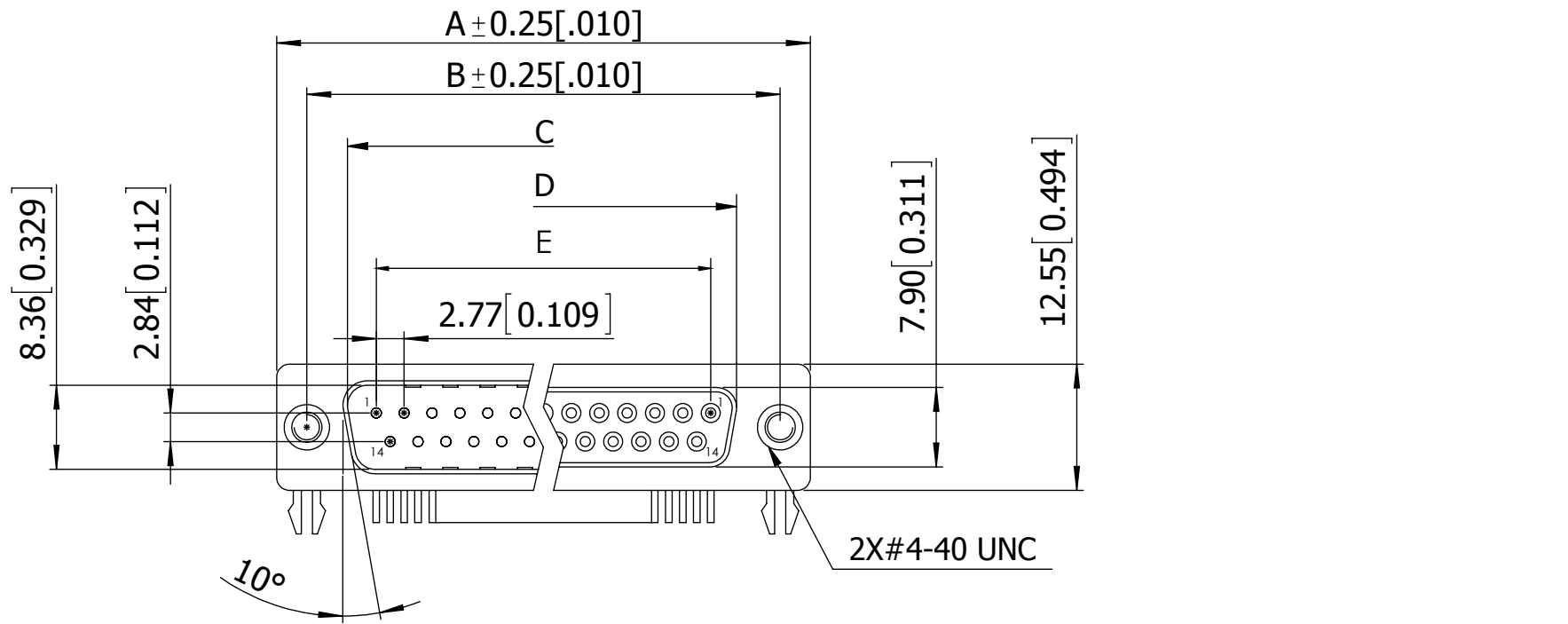
POSITIONS	A		B		C		D		E	
	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH
9	30.81	1.213	24.99	0.984	16.92	0.666	16.33	0.643	11.08	0.436
15	39.20	1.543	33.30	1.311	25.25	0.994	24.70	0.972	19.39	0.763
25	53.05	2.088	47.04	1.852	38.96	1.534	38.40	1.512	33.24	1.309
37	69.40	2.732	63.50	2.500	55.42	2.182	54.80	2.158	49.86	1.963



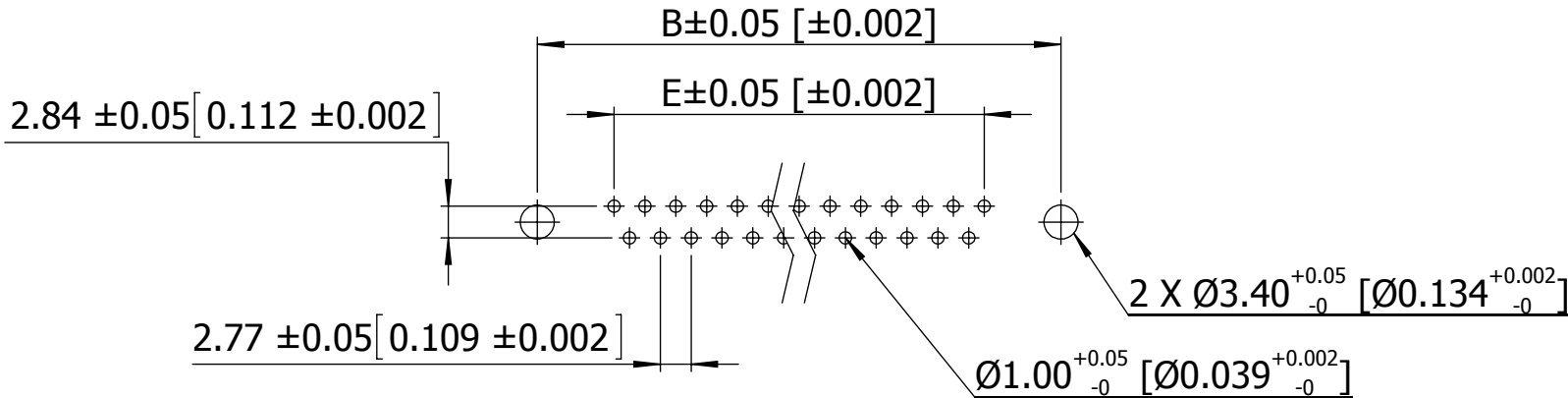
9.4mm [0.37] FOOTPRINT
(PN EXAMPLE: SDS107-PRP2-M09-SN13-12)



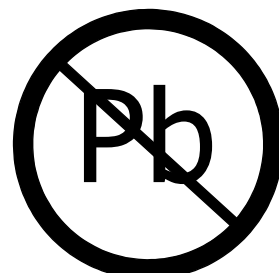
RECOMMENDED PCB LAYOUT



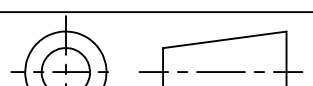
13.84mm [0.545] FOOTPRINT
(PN EXAMPLE: SDS107-PRP2-M09-SN13-13)



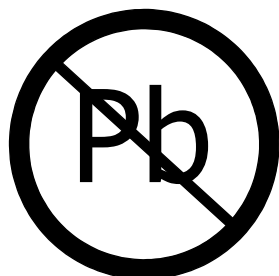
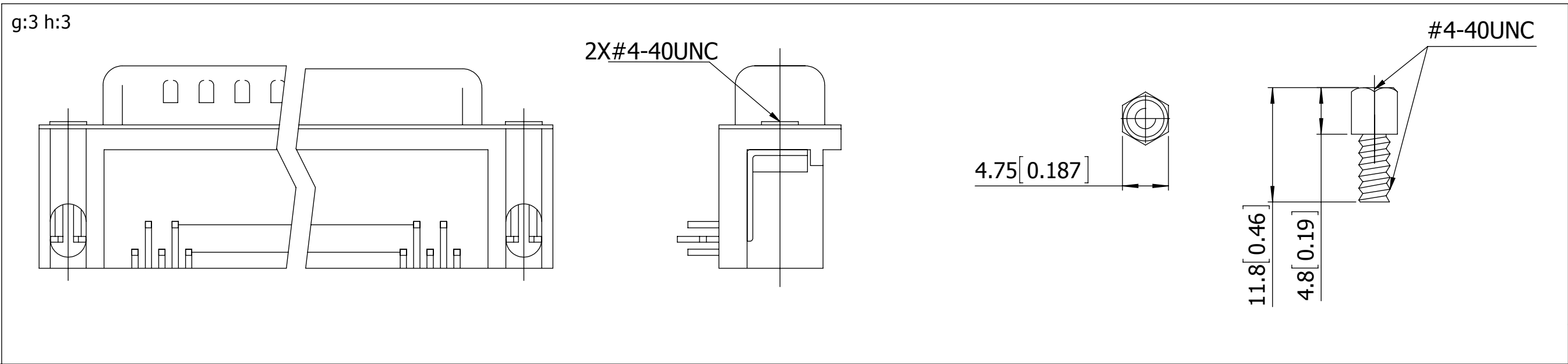
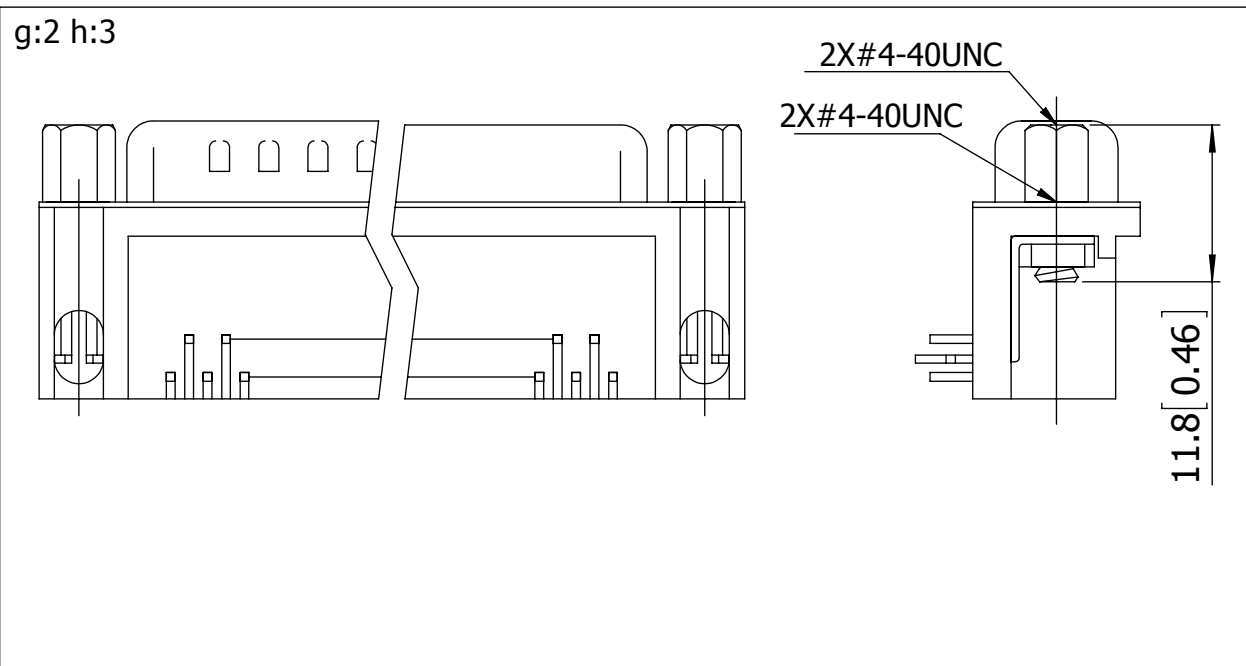
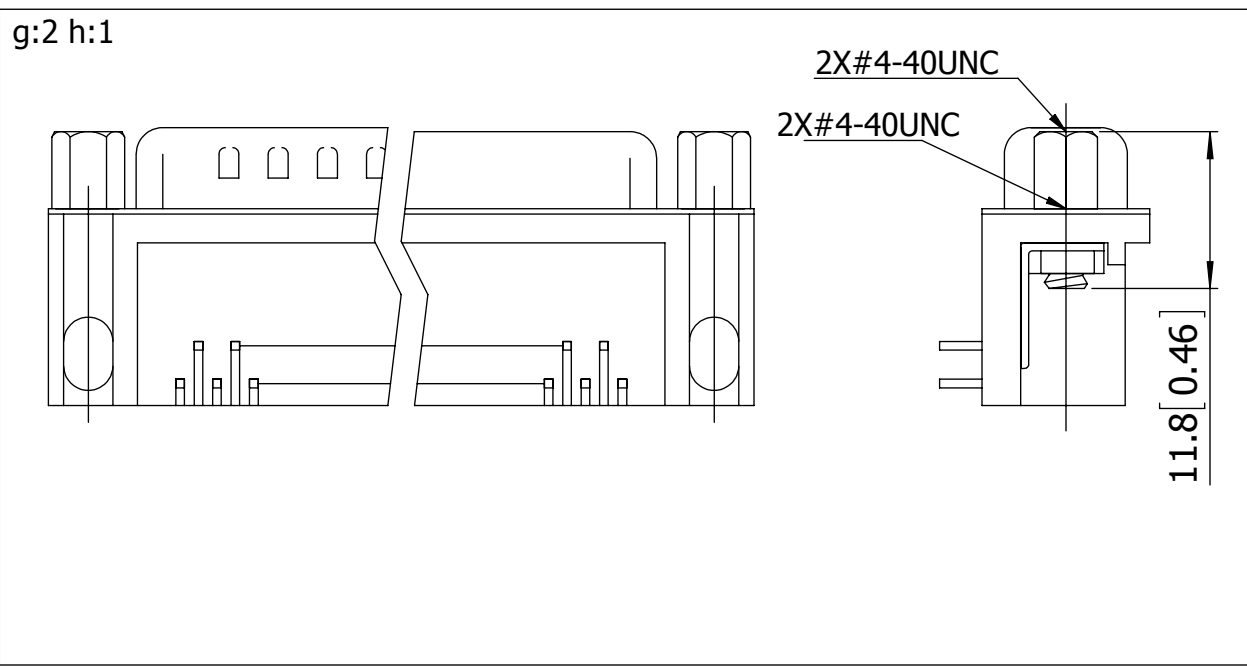
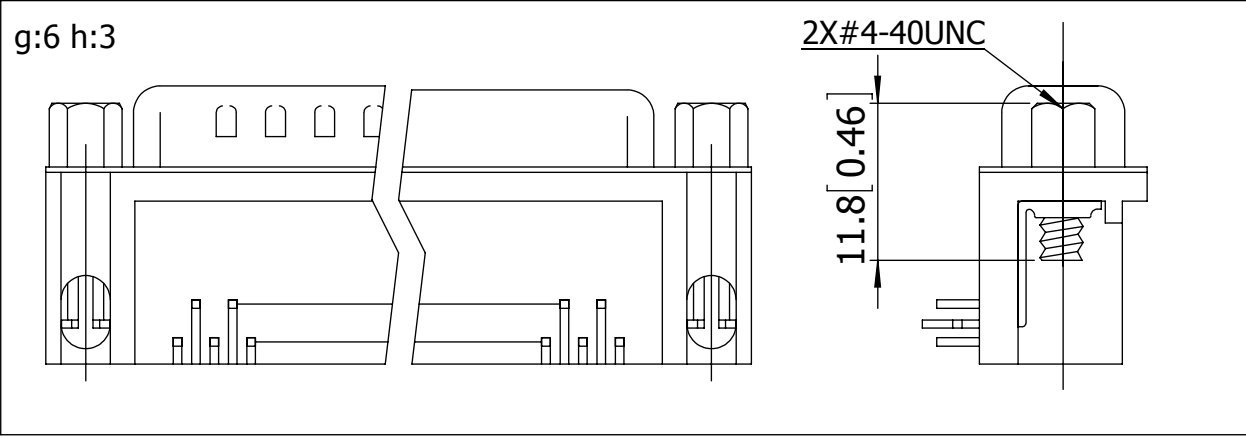
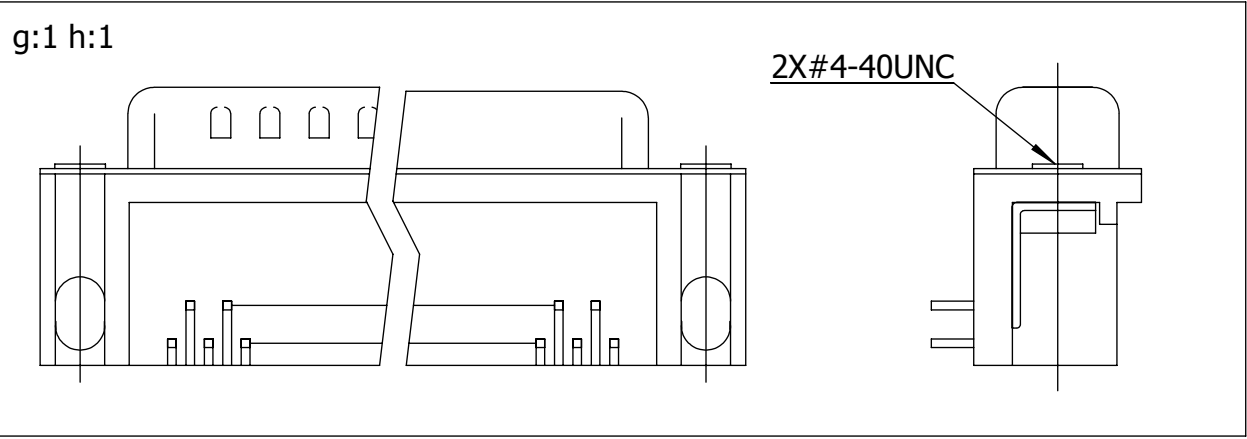
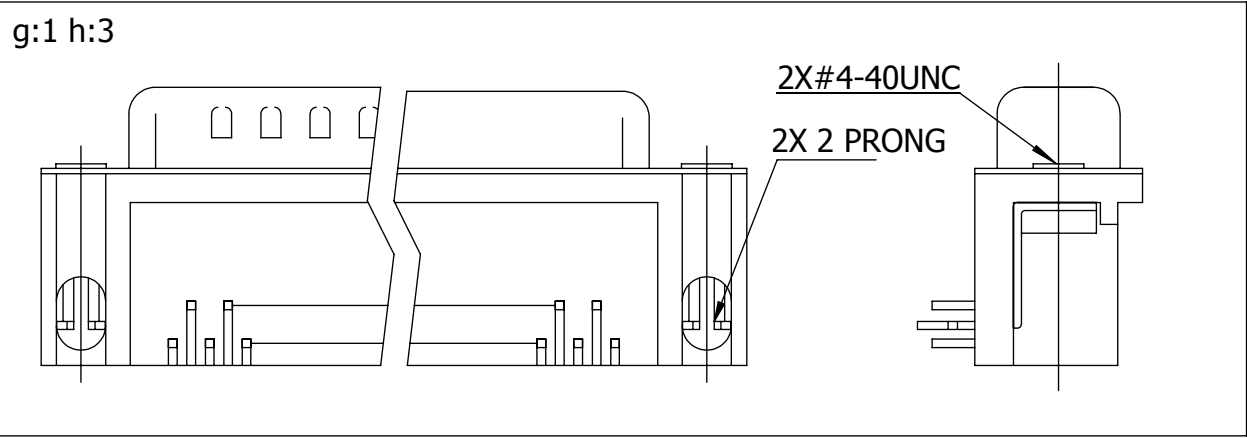
RECOMMENDED PCB LAYOUT



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]	DRAWN	DATE	NAME		
		07/01/2011	LH		
TOLERANCES:	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	
ANGULAR: ± 3°				107 SERIES D-SUB RIGHT ANGLE TYPE	
DECIMALS				PART NUMBER	
X.=± 0.38 [.015] .X.=± 0.25 [.010] .XX.=± 0.13 [.005]				SDS107-PR__-__-SN__-1__	
	SIZE	CAGE CODE	DWG. NO.	REV	
	C	54453	11773	D	
	SCALE: 1:8		SHEET 2 OF 4		

g. FLANGE MOUNTING OPTION
h. RIVET OPTIONS



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]		DRAWN	DATE	NAME		
			07/01/2011	LH		
TOLERANCES: ANGULAR: $\pm 3^\circ$ 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 107 SERIES D-SUB RIGHT ANGLE TYPE	
					PART NUMBER SDS107-PR _ _ _ _ -SN _ _ -1 _	
				SIZE C	CAGE CODE 54453	DWG. NO. 11773
				SCALE: 1:8		REV D
				SHEET 3 OF 4		

SDS107-PR__ - __==-**S N**__ - **1**__
 a b c d e f g h i j

a. CONTACT PLATING

(ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE)

W = GOLD FLASH 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

09 = 09 POSITIONS

15 = 15 POSITIONS

25 = 25 POSITIONS

37 = 37 POSITIONS

e. PIN TYPE

\$ = STAMPED PIN

f. FERRITE

N = WITHOUT FERRITE

g. FLANGE MOUNTING OPTION

0 = Ø3.05mm[Ø0.120] CLEARANCE HOLE (COMBINE WITH ITEM h:0 OR h:3 ONLY)

1 = #4-40 FEMALE THREAD (COMBINE WITH h:1, h:2 OR h:3)

2 = #4-40 UNC (4.8 X 11.8 mm [0.19 x 0.46]) FEMALE SCREWLOCK INSTALLED (COMBINE WITH h:1, h:2 OR h:3)

3 = #4-40 UNC (4.8 X 11.8 mm [0.19 x 0.46]) FEMALE SCREWLOCK BULK-PACKED (COMBINE WITH h:1, h:2 OR h:3)

**6 = #4-40 UNC (4.8 X 11.8 mm [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

2 = GROUNDING STRAP #4-40 THREADED ON PCB & PANEL

3 = GROUNDING HOOK BOARDLOCK+2 PRONG

i. INSULATOR COLOR

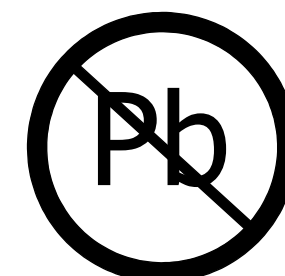
1 = BLACK (STANDARD)

j. FOOTPRINT

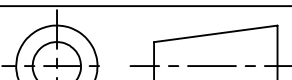
1 = 7.2mm [0.28] FOOTPRINT (AVAILABLE WITH 'W' OR 'P' PLATING)

2 = 9.4mm [0.37] FOOTPRINT (AVAILABLE WITH 'P' PLATING ONLY)

3 = 13.84mm [0.545] FOOTPRINT (AVAILABLE WITH 'P' PLATING ONLY)



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM (INCHES)	DRAWN	DATE	NAME				
		07/01/2011	LH				
	TOLERANCES: ANGULAR: $\pm 3^\circ$ 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 107 SERIES D-SUB RIGHT ANGLE TYPE		
	PART NUMBER SDS107-PR_ _ - _ _ -SN_ _ -1_			SIZE C	CAGE CODE 54453	DWG. NO. 11773	REV D
SCALE: 1:8			SHEET 4 OF 4				