

SUNRIDGE

37- SERIES DUAL PORT D-SUB R/A CONNECTORS

SPECIAL FEATURES :

- Comprehensive variety in stacking configuration of upper and lower ports combinations, with standard selections in port-to-port center distances and PCB mounting patterns, to fulfill versatile requirements in I/O connection .
- All component details are assembled with secured rigidity and tight dimensional accuracy to ensure reliable electrical and integral mounting with PCB.

P/N DESIGNATION

3 7 / - - 3-
1 2 3 4 5 6 7 8 9

1: UPPER PORT DESIGNATION-

SPECIFY "NO. OF CONTACT" IN FIRST TWO DIGITS, FOLLOWED BY EITHER "0" FOR RECEPTACLE, OR "1" FOR PLUG

FOR EXAMPLE, 9 PIN MALE, SPECIFY 091; 25 PIN FEMALE, SPECIFY 250

2: LOWER PORT DESIGNATION-

SAME AS ABOVE

3: INSULATOR MATERIAL:

0: GF PBT, UL 94 V-0 RATED

1: GF PCT, UL 94 V-0 RATED (FOR HIGH TEMP APPLICATION)

4: INSULATOR COLOR:

4: BLACK 6: BLUE

5: CONTACT END GOLD PLATING THICKNESS:

T: TIN PLATED 0: GOLD FLASH

2: 10 U" GOLD 3: 15 U" GOLD

4: 20 U" GOLD 6: 30 U" GOLD

6: VERTICAL CENTER DISTANCES BETWEEN PORTS

"D" dim "E" dim

S: .625(15.88) 1.119(28.43)

M: .750(19.05) 1.244(31.60)

L: .900(22.86) 1.394(35.41)

7: HORIZONTAL FOOTPRINT MOUNTING PATTERNS:

"F" dim "G" dim

1: .640(16.26) .315(8.00)

2: .615(15.62) .310(7.87)

3: .640(16.26) .275(7.00)

8: MOUNTING HARDWARE ATTACHMENT: (REF TO P. FOR ILLUSTRATION)

A (STANDARD): W/THREAD INSERT, W/BOARD LOCK

B: W/THREAD INSERT, W/PCB MOUNTING HOLE

C: SAME AS "A", WITH JACK SCREWS PREASSEMBLED

D: SAME AS "A", WITH JACK SCREWS SEPARATELY PACKAGED

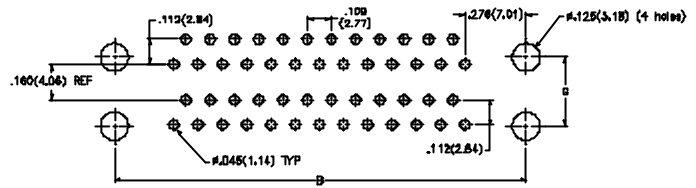
E: W/MOUNTING HOLES ON SHEEL FLANGE AND PCB MOUNTING SURFACES

9: CONFIGURATION OPTIONS

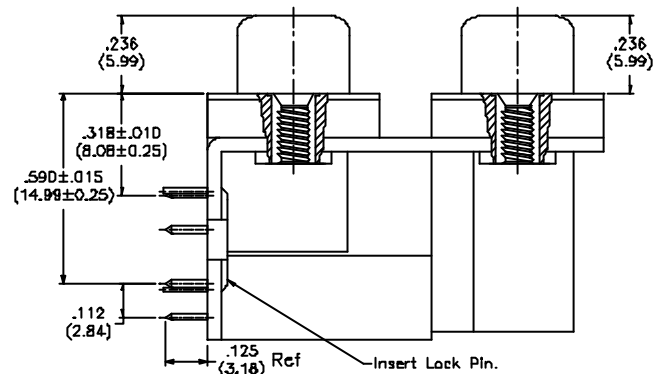
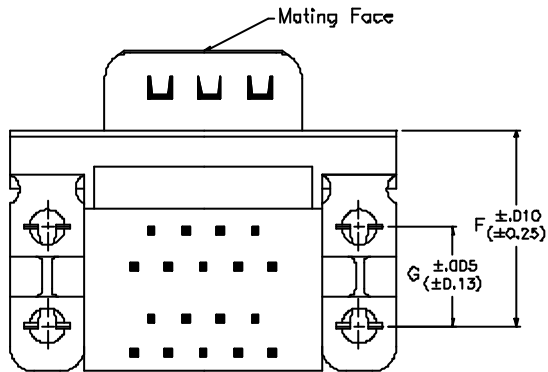
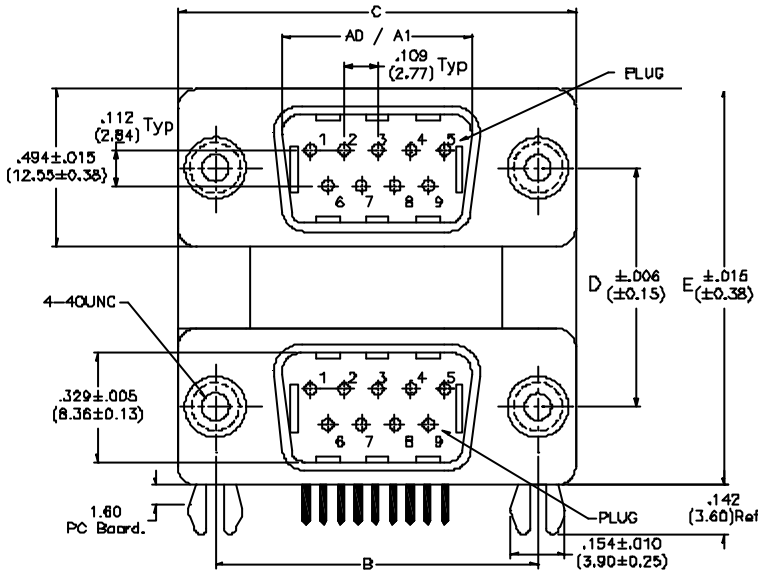
BLANK: STANDARD CONFIGURATION, AS SHOWN AND SPECIFIED

01 TO 99: RESERVED FOR SPECIAL CUSTOM OPTIONS

SUNRIDGE



PCB LAYOUT REFERENCE



BASIC P/N	STACKING CONFIGURATION	SHELL DIMENSION			
		A0 (RECEPTACLE)	A1 (PLUG)	B	C
3709X/09X	<u>9 POS (MALE OR FEMALE)</u>	.643	.666	.984	1.213
	9 POS (MALE OR FEMALE)	(16.33)	(16.92)	(24.99)	(30.81)
3715X/15X	<u>15 POS (MALE OR FEMALE)</u>	.971	.994	1.312	1.541
	15 POS (MALE OR FEMALE)	(24.66)	(25.25)	(33.32)	(39.14)
3725X/25X	<u>25 POS (MALE OR FEMALE)</u>	1.511	1.534	1.852	2.088
	25 POS (MALE OR FEMALE)	(38.38)	(38.96)	(47.04)	(53.04)
3737X/37X	<u>37 POS (MALE OR FEMALE)</u>	2.159	2.187	2.500	2.729
	37 POS (MALE OR FEMALE)	(54.84)	(55.42)	(63.50)	(69.32)

TYPICAL TABULATION OF COMMONLU USED VERSION , ALL
 DETAIL DIMENSIONS OF INDIVIDUAL PORTS COMPLY WITH SPECS
 REFERRED IN 46XX0 (RECEPTACLE) AND 46XX1(PLUG) SERIES.

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CONFIGURATION ILLUSTRATION

25 PLUG/25 RECEPTACLE, WITH .750" VERTICAL CENTER DISTANCE ("M" OPTION),
WITH .310" PCB MOUNTING-HOLE SPACING PATTEERN ("2" OPTION)

P/N 37251/250-044-M23-A

