

D-Sub Connectors: Right Angle, 0.197" (5.00mm) Footprint

Features:

- Two contact rows with 0.197"(5.00mm) footprint, right angle bend
- 0.109"(2.77mm) contact spacing X 0.112"(2.84mm) row spacing
- Plug and receptacle in 9, 15, or 25 contact sizes
- Pin and socket contact mating design with P.C. tail termination
- Metal shell provides EMI/RFI shielding, plug shell indents provide grounding and additional mating retention
- Board mounting features include two prong boardlock for exceptional retention to P.C. board
- Flange mounting options for panel mount or connector mating include through hole, threaded hole and threaded standoffs
- D-shaped connector mating outline provides polarization
- Design based on requirements of MIL-C-24038, EIA RS-232 and RS-449



Specifications:

Insulator Material	Thermoplastic Polyester, UL 94V-0, Chemical Resistant, Color: Black
Contact Material	Plug (Pins): Copper Alloy Receptacle (Socket): Copper Alloy
Contact Plating	Selective Gold (See Ordering Code) over Nickel for the Mating Area, Tin Plating for Tail Area
Shell Material	Nickel Plated Steel
Current Rating	3 amps
Contact Resistance	25 Milliohms maximum
Insulation Resistance	5000 megaohms minimum
Dielectric Withstanding Voltage	1000 V AC rms at Sea Level
Operating Temperature	-55°C To +85°C
Insertion Force	16 oz (4.45 N) Maximum Per Contact Position
Withdrawal Force	1 oz (0.28 N) Minimum Per Contact Position

Ordering Code:

623-025-261-033

SERIES: _____
 623: PLUG (PIN)
 624: RECEPTACLE (SOCKET)

NO. OF CONTACTS: _____
 009 - 9 CONTACTS
 015 - 15 CONTACTS
 025 - 25 CONTACTS

CONTACT FINISH CODE: _____
 2 - GOLD FLASH PLATING
 3 - 15 MICROINCHES OF GOLD PLATING
 6 - 30 MICROINCHES OF GOLD PLATING

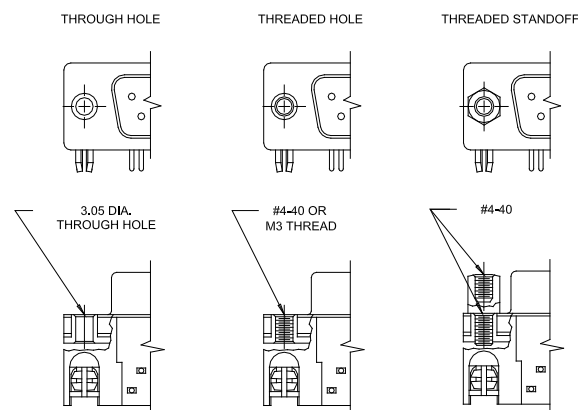
CONTACT CODE: _____
 61 - .197" FOOTPRINT CONTACT

FLANGE MOUNTING OPTIONS:
 1 - DIA .120"(DIA 3.05MM) THROUGH HOLE
 2 - #4-40 THREADED HOLE
 3 - #4-40 THREADED STANDOFF
 5 - M3 THREADED HOLE

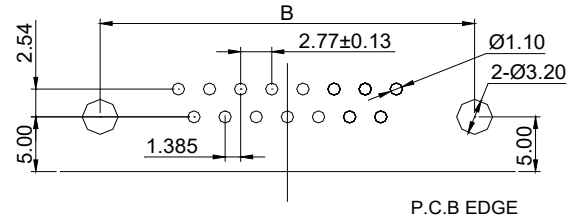
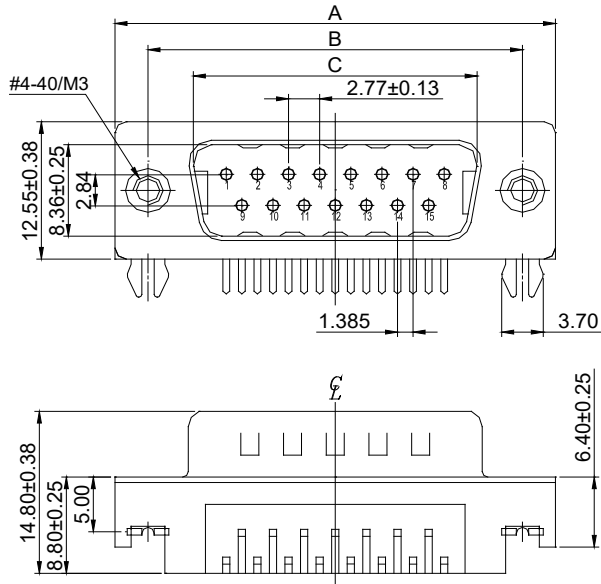
BOARD MOUNTING FEATURE:
 3 - TWO PRONG BOARDLOCKS

INSULATOR MATERIAL CODE:
 0 - STANDARD
 5 - HIGH TEMP INSULATOR

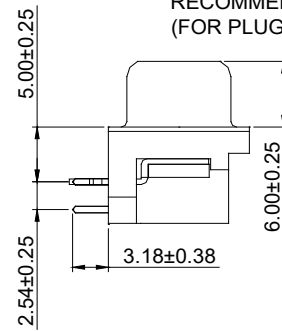
FLANGE MOUNTING OPTIONS



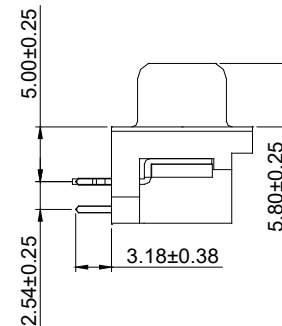
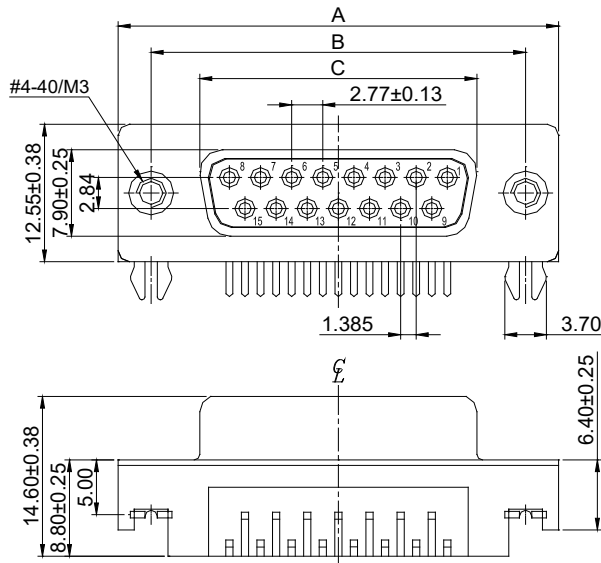
PLUG 623 SERIES



RECOMMENDED P.C.B LAYOUT
(FOR PLUG AND RECEPTACLE)



RECEPTACLE 624 SERIES



NUMBER OF CONTACTS	A±0.38		B±0.25		C±0.25 PLUG		C±0.13 RECEPTACLE	
	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)
9	1.213	(30.81)	.984	(24.99)	.666	(16.92)	.643	(16.33)
15	1.543	(39.19)	1.312	(33.32)	.994	(25.25)	.971	(24.66)
25	2.088	(53.04)	1.852	(47.04)	1.534	(38.96)	1.511	(38.38)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [D-Sub Standard Connectors](#) category:

Click to view products by [EDAC](#) manufacturer:

Other Similar products are found below :

[56F706-005-LI](#) [56F711-015](#) [LV242999-142T12](#) [015-0341-000](#) [015-0372-005](#) [015-0372-008](#) [015-8755-001](#) [020419-0104](#) [012-0467-000](#)
[012-0515-000](#) [012-9507-034](#) [012-9507-114](#) [020745-0008](#) [609-25P](#) [CT2-18-11PCAU](#) [CT6-10SL-3SC](#) [CT6-10SL-4SC](#) [CT6-14S-2SC](#)
[CT6E14SA7SC](#) [CT6M20-19SS](#) [CT6N10SL-4SSA34](#) [M83513/01-FC](#) [M83723/76W24619 L/C](#) [M85049/48-3-2F](#) [6STD09PCM99B70X](#)
[6STD09SCM99B30X](#) [6STD09SCT99S40X](#) [6STD15PCT99S40X](#) [6STD15SCT99S40X](#) [6STF09PCM05B70X](#) [7-135760-9](#) [MC11E-10-6SN](#)
[747552-3](#) [MD1-21PS](#) [MDM-15SCBRM7-F222](#) [MDM96517-699](#) [MDM96521-744](#) [MDVB1-21SL1](#) [MIK0-1-7SH003](#) [MIKQ6-7SH076](#)
[MIKQ7-7PH077](#) [MIKQ7-7PH11](#) [MIKQ7-7PH32](#) [MKJ4A1F14-55S](#) [8-135760-3](#) [8STD09PCM99B30X](#) [PG-KV/PV-16-GROM-SEALING](#)
[GDA15P](#) [GDAY15PB](#) [980-0000-170](#)