

D-Sub Connectors: Vertical, High Density

Features:

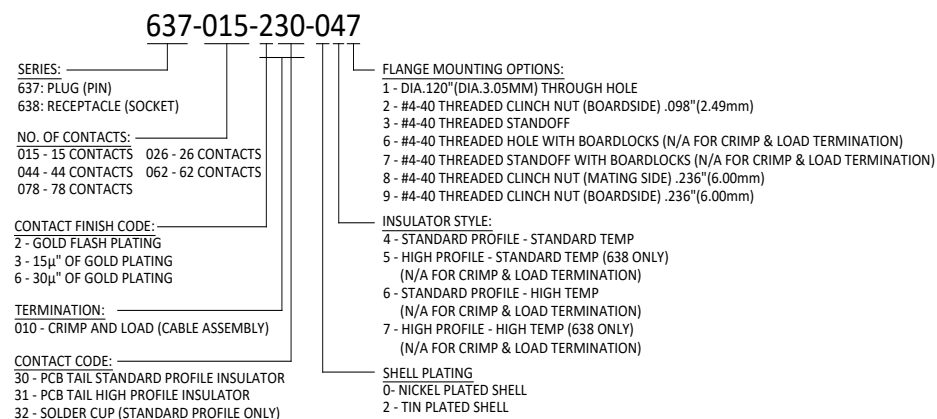
- Plug and receptacle in 15, 26, 44, 62 or 78 contact sizes
- Pin and socket contact mating design with P.C. tail termination
- Metal shell provides EMI/RFI shielding, plug shell indents provide grounding and additional mating retention
- Grounding features include boardlock for exceptional retention to P.C. board
- 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
- High profile available in receptacle only



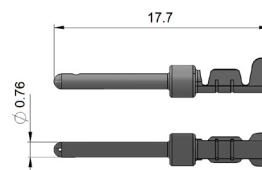
Specifications:

Insulator Material	PBT with glass fiber, UL 94V-0, color: Black
Contact Material	Plug (pin): Brass Receptacle (socket): Brass or phosphor bronze
Contact Plating	Selective gold (see ordering code) over nickel for the mating area, tin plating for tail area
Shell Material	Tin or nickel plated steel
Current Rating	5 amps
Contact Resistance	15 milliohms maximum
Insulation Resistance	1000 megaohms minimum
Dielectric Withstanding Voltage	500 V AC rms at Sea Level
Operating Temperature	-50°C To +100°C
Insertion Force	16 oz (4.45 N) Maximum Per Contact Position
Withdrawal Force	1 oz (0.28 N) Minimum Per Contact Position

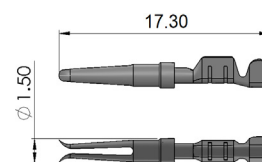
Ordering Code:



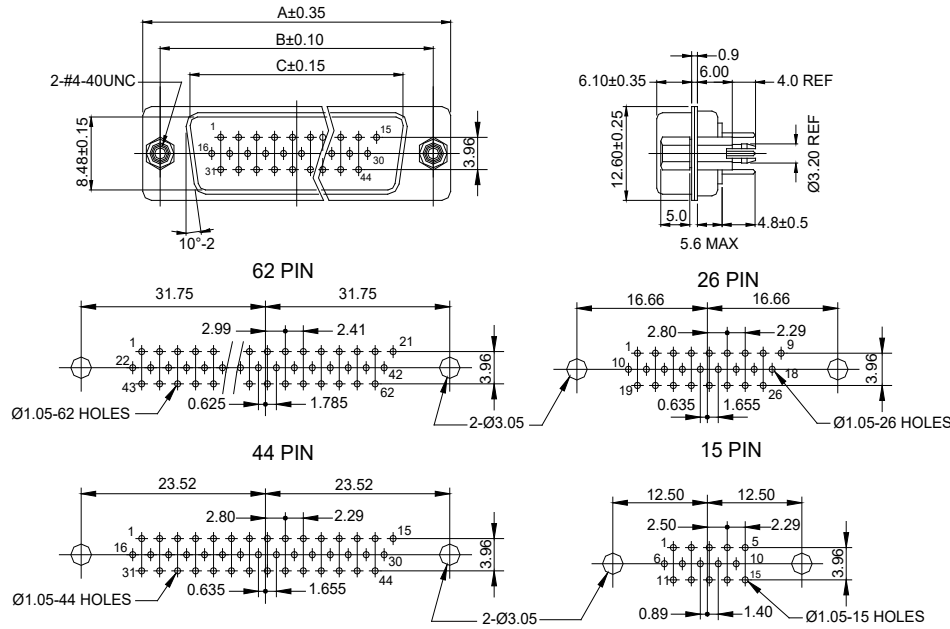
Contact P/N:	"Wire Gauge (AWG):
638-292-271	24 - 26



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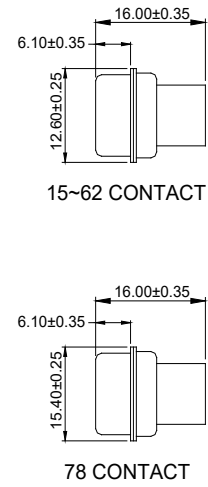


STANDARD PROFILE



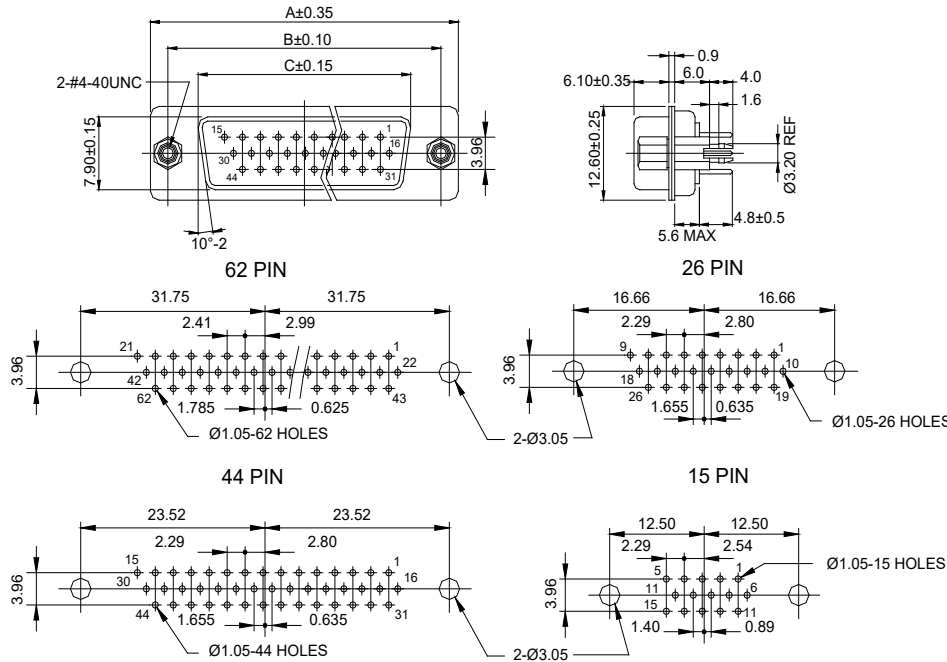
PLUG 637 SERIES

CRIMP TYPE

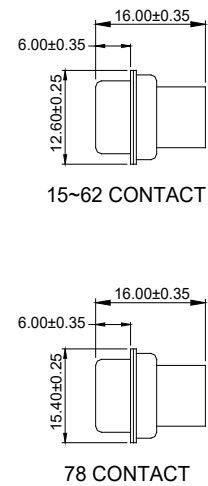


RECEPTACLE 638 SERIES

STANDARD PROFILE



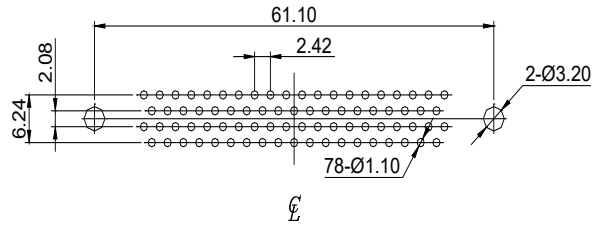
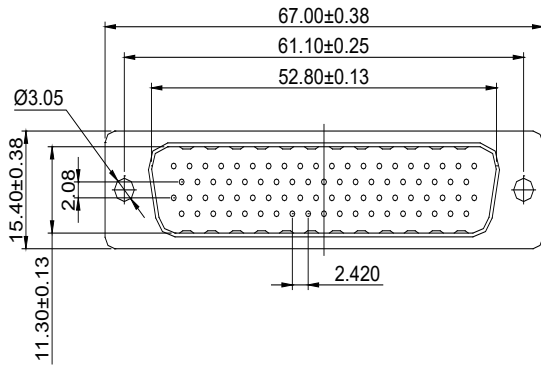
CRIMP TYPE



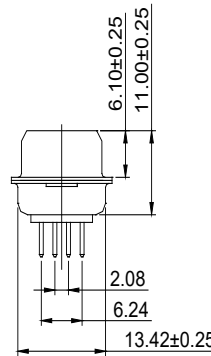
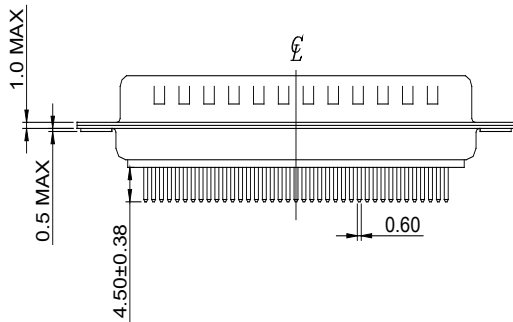
NUMBER OF CONTACTS	A		B		C PLUG		C RECEPTACLE	
	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)
15	1.213	(30.80)	.984	(24.99)	.666	(16.92)	.642	(16.30)
26	1.541	(39.15)	1.312	(33.32)	.994	(25.25)	.970	(24.65)
44	2.087	(53.00)	1.852	(47.04)	1.534	(38.96)	1.512	(38.40)
62	2.728	(69.30)	2.500	(63.50)	2.182	(55.42)	2.157	(54.80)

78 PIN STANDARD PROFILE

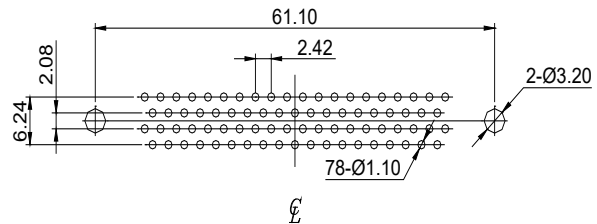
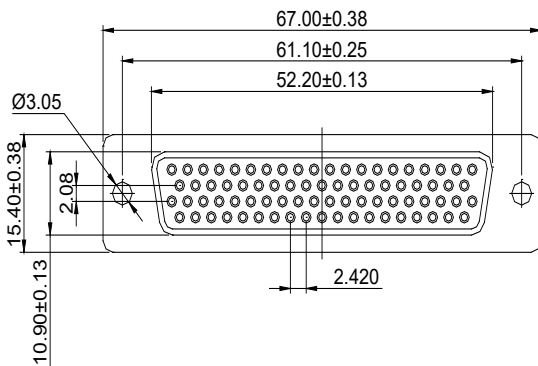
PLUG 637 SERIES



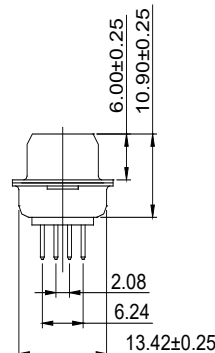
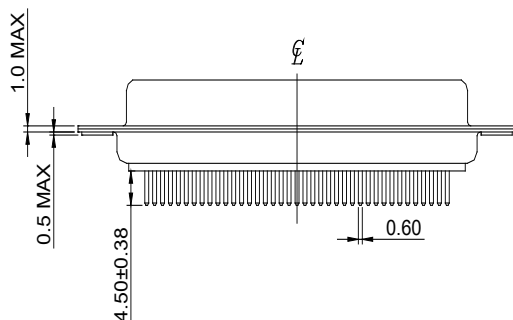
RECOMMENDED PCB LAYOUT



RECEPTACLE 638 SERIES

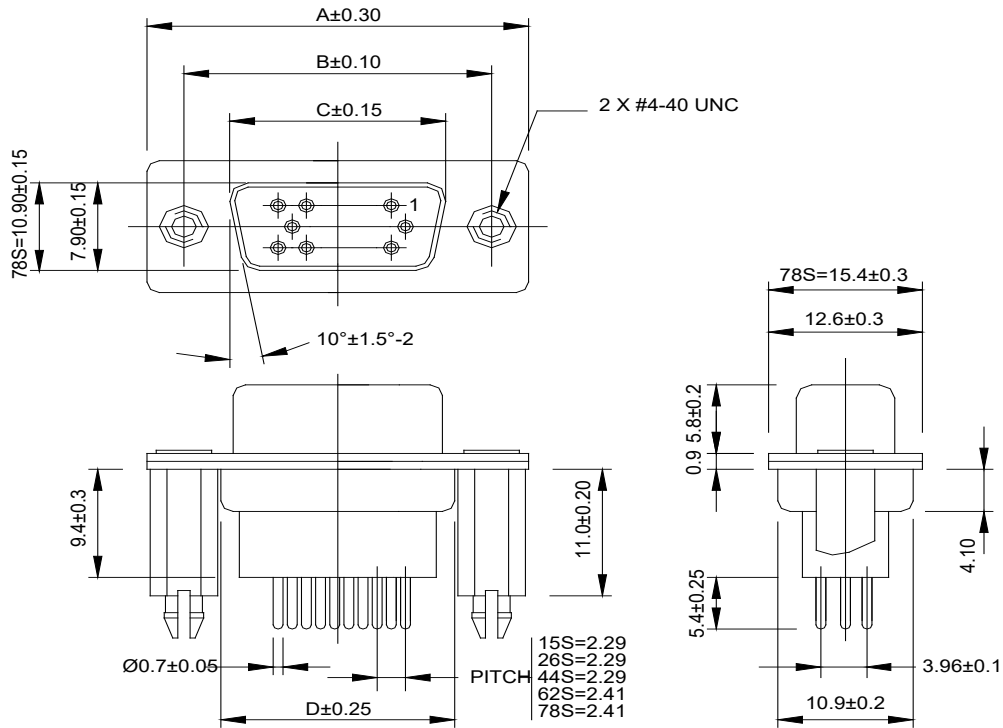


RECOMMENDED PCB LAYOUT



RECEPTACLE 638 SERIES

HIGH PROFILE



NUMBER OF CONTACTS	A		B		C		D	
	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)
15	1.213	(30.80)	.984	(24.99)	.643	(16.34)	.756	(19.20)
26	1.543	(39.20)	1.312	(33.32)	.972	(24.70)	1.091	(27.70)
44	2.087	(53.00)	1.852	(47.04)	1.512	(38.40)	1.618	(41.10)
62	2.732	(69.40)	2.500	(63.50)	2.157	(54.80)	2.256	(57.30)
78	2.638	(67.00)	2.406	(61.10)	2.055	(52.20)	2.169	(55.10)

FLANGE MOUNTING OPTIONS

