

SERIES 621/622



FEATURES

Two contact rows with .318" (8.08mm) footprint right-angle bend.

.109" (2.77mm) contact spacing x .112" (2.82mm) row spacing

Plug and receptacle in 9-, 15-, 25- or 37- pin contact sizes Pin and socket contact mating design with PC tail termination

Metal shell provides EMI/RFI shielding, Plug Shell indents provide grounding and additional mating retention

Grounding features include top or bottom ground plates and four-prong boardlock for superior retention to PC Board

Mounting options for panel mount or connector mating include through hole, threaded inserts and threaded standoffs

D-shaped connector mating outline provides polarization Design based on requirements of MIL-C-24308, EIA RS-232 and RS-449

SPECIFICATIONS

Insulator Material: Thermoplastic polyester UL 94V-0; chemical resistant; colour - black

Ferrite Specifications: Attenuation - 20db MIN @ 30Mhz, 30dB MIN @ 50MHz, and 50dB @ 100Mhz

Contact Material: Plug contacts- brass Receptacle contacts - phosphor bronze

Contact Plating: Gold (see Ordering Code) over nickel for

the mating area; tin plating on contact tails

Shell Material: Nickel-plated steel Current Rating: 5 amperes

Contact Resistance: 10 milliohms maximum

Dielectric Withstanding Voltage: 1000 V AC rms @ sea level

Insulation Resistance: 5000 megohm minimum

Operating Temperature: -55 to + 105 degrees C

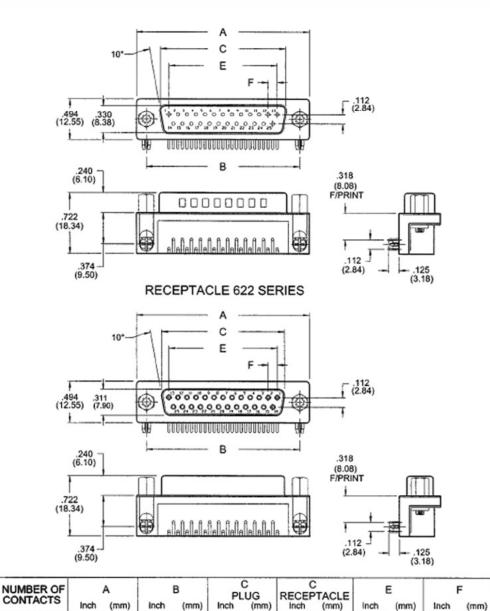
Engagement and Separation Force: 1 to 10 oz (0.28 to

to 2.78 N) per contact position

•	art Number <u>621</u> - <u>025</u> - <u>560</u> - 0ָ 1ָ 3ָ
Series	
	ontacts
•	de
Mounting Option _	
Series	
621	Plug
622	Receptacle
Total Contacts	
009, 015, 025, 037	50 (machined pin only)
Contact/Plating C	ode
260	Gold Flash (Class 3)
560	10u" (0.25um) (Class 2)
660	30u" (0.76um) (Class 1)
668	Ferrite Filter
Material Code	
0	Indicates generic internal use code
Grounding Featur	e
1	.120" (3.05mm) dia. through hole top ground
3	Two-prong boardlocks for .120" (3.05mm) dia. PCB hole
4	Four-prong boardlocks for .120" (3.05mm) dia. PCB hole
Mounting Option	
0	#4-40 UNC fixed standoff
1	.125" (3.18mm) dia. through-hole
2	#4-40 UNC threaded insert
3	#4-40 UNC threaded standoff
5	#4-40 UNC threaded standoff & lock washer



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1.214 (30.84)

1.545 (39.24)

2.088 (53.04)

2.730 (69.34)

15

25

.984

1.312

1.852

2.500

(24.99)

(33.32)

(47.04)

(63.50) 2.182

.667

.994

1.534

(16.92)

(25.25)

(38.96)

(53.08)

.967

1.508

2.156

(16.26)

(24.56)

(38.30)

(54.76)

.432

.756

1.304

1.956

(10.97)

(19.20)

(33.12)

(49.68)

.108

.109

(2.74)

(2.74)

(2.76)

(2.76)

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