

SERIES 625/626



FEATURES

Two contact rows with .590" (14.99mm) footprint right-angle bend.

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

provide grounding and additional mating retention

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

termination

Metal shell provides EMI/RFI shielding, Plug Shell indents

Grounding features include top and 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

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)

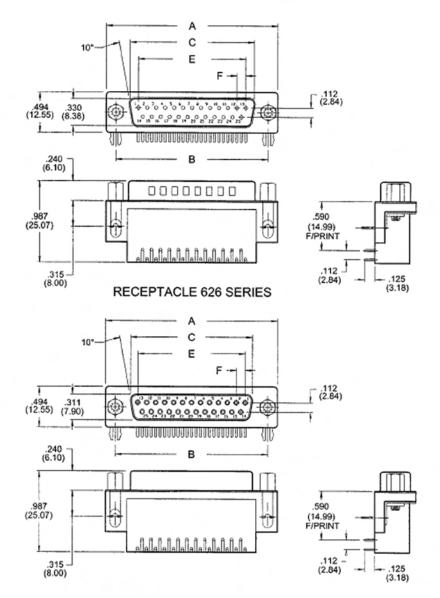
to 2.78 N) per contact position

Example Fa	11 Nullibel <u>020 - 037 - 302 - 04 3</u>
Series	
Total Number of Con	tacts
Material Code	
Grounding Feature _	
Mounting Option	
Series	
625	Plug
626	Receptacle
Total Contacts	
009, 015, 025, 037	
Contact/Plating Cod	de Right angle .590" (14.99mm) footprint
262	Gold Flash (Class 3)
562	10u" (0.25um) (Class 2)
662	30u" (0.76um) (Class 1)
Material Code	
0	Indicates generic internal use code
Grounding Feature	
1	.120 " (3.05mm) dia. through-hole top ground
2	.120 " (3.05MM) dia. through-hole bottom ground
3	Two-prong boardlock for .120" (3.05mm) dia. PCB hole
4	Four-prong boardlock for .120" (3.05mm) dia. PCB hole
Mounting Option	
0	Fixed hex standoff
1	.125" (3.18mm) dia. through-hole
2	#4-40 UNC threaded insert
3	#4-40 UNC threaded standoff

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NUMBER OF CONTACTS	Α		В		C PLUG		C RECEPTACLE		Е		F	
	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)
9	1.214	(30.84)	.984	(24.99)	.667	(16.92)	.640	(16.26)	.432	(10.97)	.108	(2.74)
15	1.545	(39.24)	1.312	(33.32)	.994	(25.25)	.967	(24.56)	.756	(19.20)	.108	(2.74)
25	2.088	(53.04)	1.852	(47.04)	1.534	(38.96)	1.508	(38.30)	1.304	(33.12)	.109	(2.76)
37	2.730	(69.34)	2.500	(63.50)	2.182	(53.08)	2.156	(54.76)	1.956	(49.68)	.109	(2.76)

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