



SERIES 623/624



FEATURES

Two contact rows with .200" (5.08mm) footprint right-angle bend.

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

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 two-prong boardlock for exceptional 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 Part Number 624 - 025 - 261 - 0 3 3

Series _____
Total Number of Contacts _____
Contact/Plating Code _____
Material Code _____
Grounding Feature _____
Mounting Option _____

Series

623 (9-pin only) Plug
624 Receptacle

Total Contacts

009, 015, 025

Contact/Plating Code

261 Gold Flash (Class 3)
361 15u" (0.38um) (Class 2)
661 30u" (0.76um) (Class 1)

Material Code

0 Indicates generic internal use code

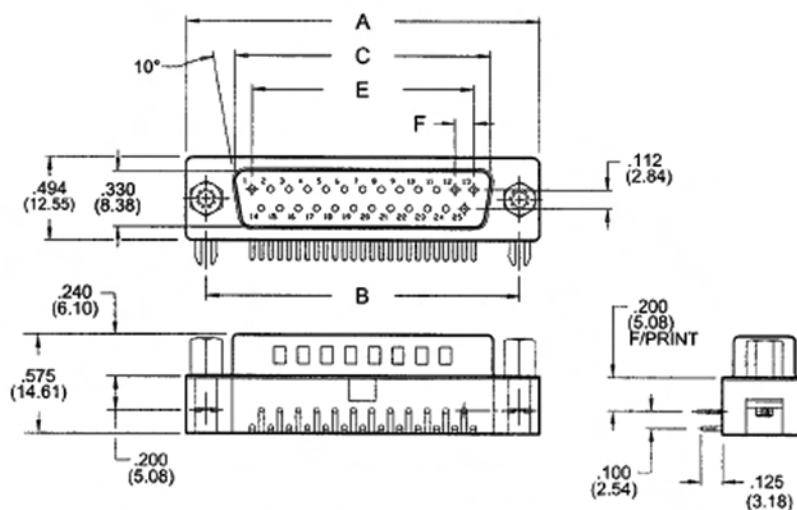
Grounding Feature

3 Two-prong boardlocks for .120" (3.055mm) dia. hole

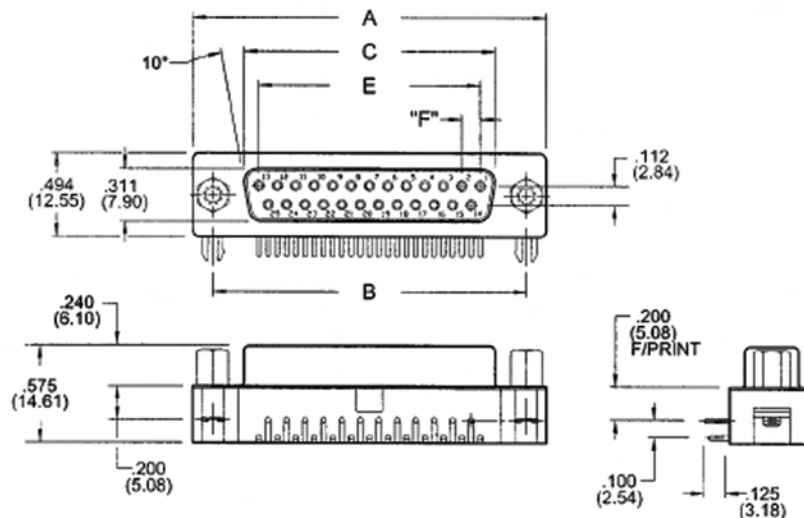
Mounting Option

1 .125" (3.18mm) dia. through-hole
2 #4-40 UNC threaded insert
3 #4-40 UNC hex standoff

PLUG 623 SERIES



RECEPTACLE 624 SERIES



NUMBER OF CONTACTS	A		B		C PLUG		C RECEPTACLE		E		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)

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