

Right-Angle Board Mount Connectors Front Metal Shell

SPECIFICATIONS:

MATERIALS AND PLATINGS

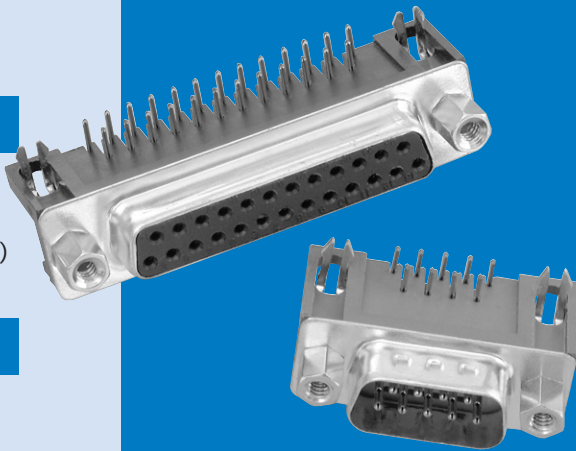
Shells	Steel, tin plated
Contacts	Precision formed copper alloy
Contact Plating	Gold over nickel
Contact Forces	Engagement: 12 oz. max. (340.2 g) Separation: .75 oz. min. (21.26 g)

ELECTRICAL DATA

Current Rating	5 amps
Dielectric Withstanding Voltage	1000 VAC/60 sec.
Dielectric	Glass filled thermoplastic, black, UL 94 VO
Contact Resistance	15 milliohms max.

CLIMATIC DATA

Temperature Range	-67°F (-55°C) to 221°F (105°C)
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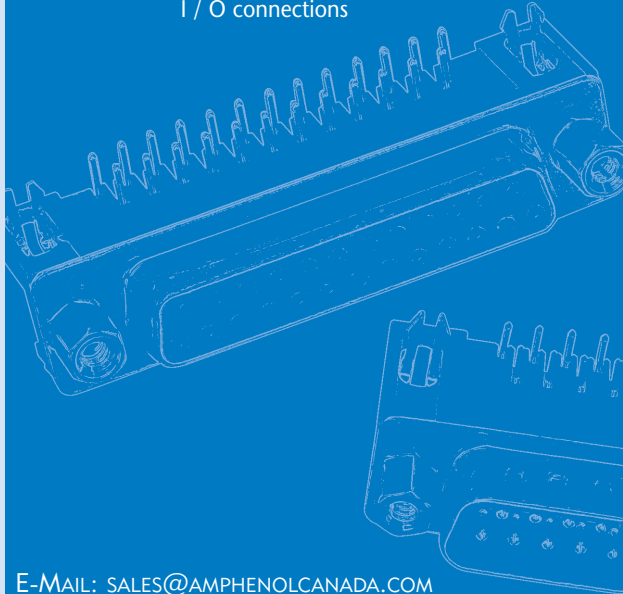


Amphenol's 617 series of right angle commercial connectors provide high performance at competitive prices.

The front metal shell helps to provide reduced EMI/ RFI emissions, and the contacts are selectively plated to provide additional high performance. The 617 series are available in a variety of board mounting and grounding options including arrowhead boardlocks and #4-40 threaded inserts.

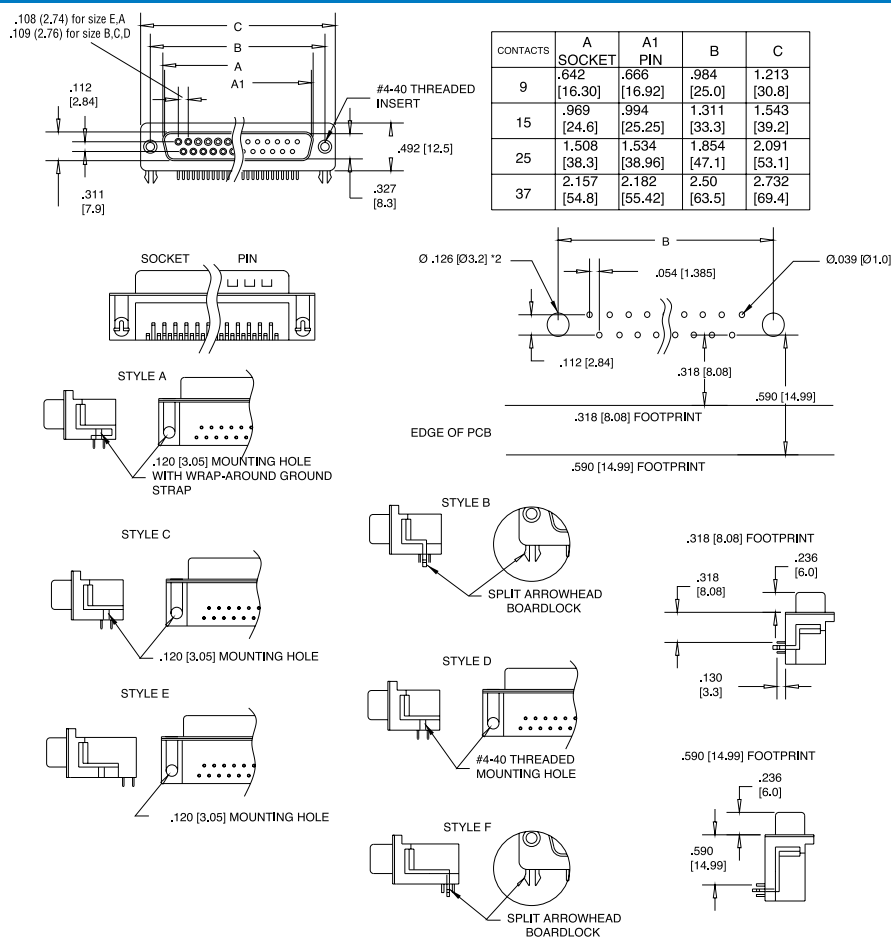
Front mounting holes are also available threaded, un-threaded and with installed female hex screwlocks.

- Industrial
- Telecom
- Any industry standard I / O connections



INCHES (MM)

DIMENSIONS



ORDERING INFORMATION

617 - X - 0XX - X - XX - X - XX - X

Series

Number of Contacts
09, 15, 25, 37

Variation Code

E for U & Y Footprint

Contact

20

21

Housing Characteristics

Tin plated receptacle

Tin plated plug with grounding indents

Code

0

1

2

4

Panel Mounting Options

.120 (3.05) clear hole

#4-40 threaded hole

#4-40 threaded hole with female screwlock

Fixed female round screwlock

Code

BF

Contact Plating

Engagement area 3μ" (.076μm) gold flash, terminal end area 100μ"/200μ" (2.54μm/5.08μm) tin/lead underplate of 50μ" (1.27μm) nickel

CF

Engagement area 15μ" (.381μm) gold flash, terminal end area 100μ"/200μ" (2.54μm/5.08μm) tin/lead underplate of 50μ" (1.27μm) nickel

AJ

Engagement area 30μ" (.76μm) gold, terminal end area 100μ"/200μ" (2.54μm/5.08μm) tin/lead underplate of 50μ" (1.27μm) nickel

.318 (8.08) Footprint	.590 (14.99) Footprint	Description of PC Board Mounting Characteristics	Style
A		.120 (3.05) diameter mtg hole with wrap-around ground strap	A
C		split arrowhead boardlock	B
D	U	.120 (3.05) diameter mtg hole	C&E
J		#4-40 threaded mtg hole	D
	Y	split arrowhead boardlock	F

Code

P

S

Contact Type

Pin (male)

Socket (female)

For filtered version, see page 56.