



SERIES 629/630



FEATURES

Two contact rows with .370" (9.44mm) 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 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: Tin plated steel, (nickel optional)

Current Rating: 5 amperes

Contact Resistance: 10 milliohms maximum

Dielectric Withstanding Voltage: 1000 V AC rms @ sea level

Insulation Resistance: 5000 megohms 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 629 - 025 - 240 - 0 3 3

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

Series

629 _____ Plug
630 _____ Receptacle

Total Contacts

009, 015, 025, 037

Contact/Plating Code

240 _____ Gold Flash (Class 3)
340 _____ 15u" (0.38um) (Class 2)
640 _____ 30u" (0.76um) (Class 1)

Material Code

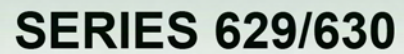
0 _____ Indicates generic internal use code

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

Mounting Option

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



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