

# 632 SERIES

Receptacle, Right Angle, High-Density, .125" (3.175mm) Footprint



## FEATURES

- High-density three contact rows with .125" (3.175mm) footprint right angle bend.
- .090" (2.29mm) contact spacing x .079" (1.905mm) row spacing.
- Receptacle in 15-pin contact size.
- 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 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.

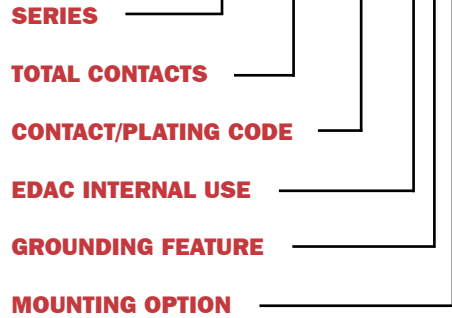
## SPECIFICATIONS

- Insulator Material: Thermoplastic polyester, UL 94V-0; chemical resistant; colour - black.
- Contact Material: receptacle contacts - phosphor bronze.
- Contact Plating: Gold (see *Ordering Code*) over nickel for the mating area, tin/lead plating on contact tails.
- Shell Material: Nickel plated steel.
- Current Rating: 5 amperes.
- Contact Resistance: 10 milliohms maximum.
- Dielectric Withstanding Voltage: 1000V AC rms at sea level.
- Insulation Resistance: 5000 megohms minimum.
- Operating Temperature: -55° to +125° C.
- Engagement and Separation Force: 1 to 10 oz. (0.28 to 2.78 N) per contact position.

## 632 SERIES ORDERING CODE

Example:

**632-015-266-033**



**SERIES**  
**632** ..... Receptacle

**TOTAL CONTACTS**  
**015**

**CONTACT/PLATING CODE**  
**266** ..... Gold Flash (Class 3)  
**366** ..... 15µ" (0.38µm) (Class 2)  
**566** ..... 10µ" (0.25µm) (Class 2)  
**666** ..... 30µ" (0.76µm) (Class 1)

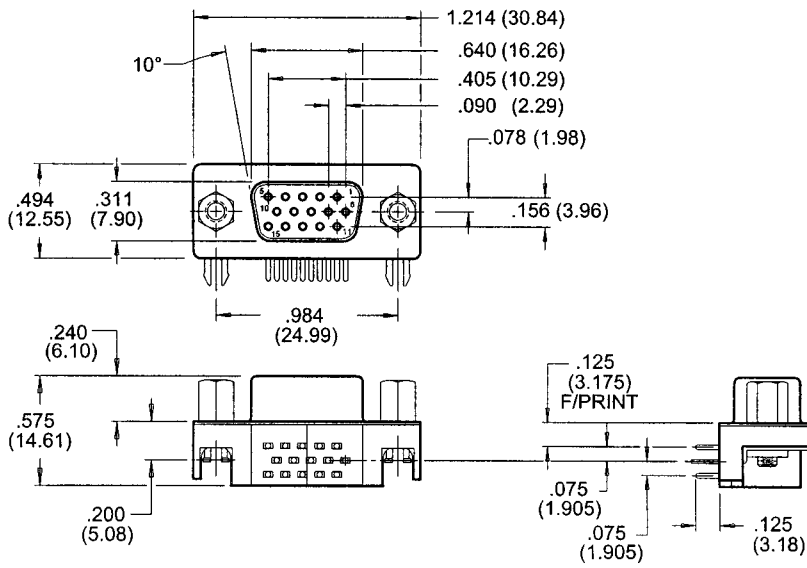
**EDAC INTERNAL USE**  
**0** ..... Indicates generic internal use code

**GROUNDING FEATURE**  
**3** .... Two-prong boardlocks for .120" (3.05) dia. hole

**MOUNTING OPTION**  
**2** ..... #4-40 UNC threaded insert  
**3** ... #4-40 UNC threaded standoff w/ threaded insert

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## RECEPTACLE 632 SERIES



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