

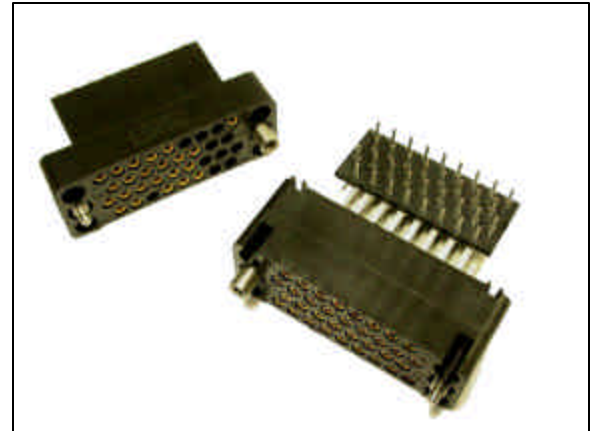


SERIES B01 V.35 CONNECTORS TELECOM DTE / DCE INTERFACE

Edac series B01 connectors have been designed for use in industrial and commercial telecommunication systems that require a UL-approved high quality interconnect for data transfer. The B01 can provide a simple and inexpensive solution that allows for superior speed and noise immunity by using differential signalling on the data and clock lines. This proven technique is used in many other high speed interfaces such as v.11, RS449, 10/100 and 1000baseT systems. The B01 meets CCITT v.35 synchronous modem interface requirements per ISO-2593. It is in use on DSU, CSU, router, and frame relay systems throughout the world, with achieved speeds of up to 2 mbps. It can be loaded in any contact pattern from 1 to 34 contacts per connector and can be custom loaded in any configuration.

SPECIFICATIONS

- Mates with other industry standard v.35 connectors
- Black thermoplastic polyester UL 94-VO rated
- Contact Material: spring tempered copper alloy
- Contact Plating: Gold over nickel plate for the mating area
- PCB Contact Area: tin/lead over nickel
- Operating Temperature: -55° to +125° C



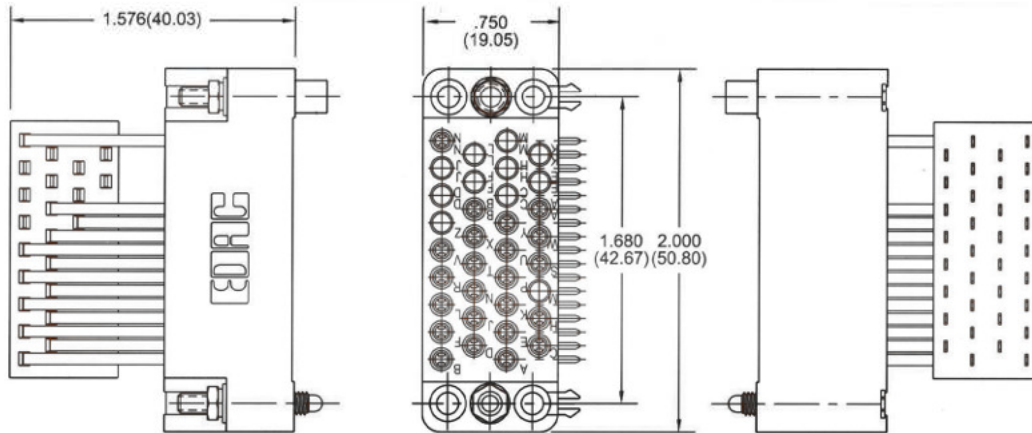
- Current Rating: 5 amperes
- Contact Resistance: 10 milliohms maximum
- Data Traffic: 20 kbps to 2 mbps maximum
- Insulation Resistance: 5000 megohms minimum

This series is available worldwide through our global distribution network. Factory standard package is 1,000 pieces per carton.

ORDERING CODE

SAMPLE PART NUMBER: B01-034-220-900

- **B01 = Series Number** : Industry-standard v.35 telecom modem/ data interface connector.
- **034 = Number of contact positions** : There are 34 contact positions. The connector can be loaded with any number of contacts from 1 to 34, in any pattern desired.
- **2 = Contact Plating** : 2 = 10u gold plate (standard); 5 = 15u gold plate; 6 = 30u gold plate
- **20 = Body style** : 20 = vertical standard profile with through-hole printed circuit pins; 40 = right angle with through-hole printed circuit pins and disposable pin alignment spacer. Both types are female.
- **900 = Contact pattern** : 900 = all positions filled (standard). Other standard patterns are readily available. If the required contact pattern is not listed below then please contact the Edac sales department to obtain the correct contact pattern number.
 - 036 = 23 contacts (a b c d e f h j k l n p r s t u v w x y aa bb nn)
 - 901 = 17 contacts (a b c d e f h p r s t u v w x y aa)
 - 902 = 22 contacts (a b c d e f h j l m n p r s t u v w x y aa nn)
 - 903 = 22 contacts (as above but contact m replaced by contact hh)
 - 904 = 22 contacts (as above but contact j replaced by k and contact hh replaced by bb)
 - 905 = 21 contacts (b c d e f h l n p r s t u v w x y aa hh kk nn)
 - 906 = 23 contacts (a b c d e f h j k l n p r s t u v w x y aa bb nn)
 - 907 = 23 contacts (same as above except contact k replaced by kk, contact bb replaced by hh)
 - 909 = 19 contacts (a b c d e f h j l p r s t u v w x y aa)



CONNECTOR PART NUMBER	CONTACT LOCATION	TOTAL CONTACTS	CONTACT AREA PLATING
BO1-034-240-036	A, B, C, D, E, F, H, J, K, L, N, P, R, S, T, U, V, W, X, Y, AA, BB, NN.	23	10 MICROINCHES OF GOLD OVER NICKEL
BO1-034-240-900	ALL POSITIONS	34	10 MICROINCHES OF GOLD OVER NICKEL
BO1-034-240-901	A, B, C, D, E, F, H, P, R, S, T, U, V, W, X, Y, AA.	17	10 MICROINCHES OF GOLD OVER NICKEL
BO1-034-240-902	A, B, C, D, E, F, H, J, L, M, N, P, R, S, T, U, V, W, X, Y, AA, NN.	22	10 MICROINCHES OF GOLD OVER NICKEL
BO1-034-240-903	A, B, C, D, E, F, H, J, L, N, P, R, S, T, U, V, W, X, Y, AA, HH, NN.	22	10 MICROINCHES OF GOLD OVER NICKEL
BO1-034-240-904	A, B, C, D, E, F, H, K, L, N, P, R, S, T, U, V, W, X, Y, AA, BB, NN.	22	10 MICROINCHES OF GOLD OVER NICKEL
BO1-034-240-905	B, C, D, E, F, H, L, N, P, R, S, T, U, V, W, X, Y, AA, HH, KK, NN.	21	10 MICROINCHES OF GOLD OVER NICKEL
BO1-034-640-906	A, B, C, D, E, F, H, J, K, L, N, P, R, S, T, U, V, W, X, Y, AA, BB, NN.	23	30 MICROINCHES OF GOLD OVER NICKEL
BO1-034-640-907	A, B, C, D, E, F, H, J, L, N, P, R, S, T, U, V, W, X, Y, AA, HH, KK, NN.	23	30 MICROINCHES OF GOLD OVER NICKEL
BO1-034-240-909	A, B, C, D, E, F, H, J, L, P, R, S, T, U, V, W, X, Y, AA.	19	10 MICROINCHES OF GOLD OVER NICKEL

GOLD PLATING — 2- 10 MICROINCHES
 — 6- 30 MICROINCHES