



8622E Series 0.635mm pitch IDC connector for flat cables (#30 AWG)

The board to cable connectors of the 8622E series provide for the connection of two overlaid flat cables with 0.635mm pitch. KEL's unique Ejector mechanism has also been integrated into the connectors in order to facilitate reliable connection and simple disconnection. The 8622E series connectors have been molded so as to prevent incorrect connector insertion, and they also offer significant levels of durability under twisting. Notwithstanding the compact nature of these connectors, their highly reliable design also boasts an effective coupled length of 1.4mm: furthermore, the products of the 8622E series are fully compliant with the RoHS directive.



Features

- 0.635mm pitch Board to Cable connector.
- IDC connector for design with effective contact displacement of 1.4mm.
- IDC for 0.635mm pitch flat ribbon cable (#30 AWG).
- One-Touch locking ejector system.
- PCB side connector (Plug, 8630E series) is able to mate with 8601 series.
- Four sizes: 40, 80, 100 and 120 pins.
- Coplanarity of 0.1mm (8630E).
- Variations of using different types of connectors are available, because two cables will be attaches to the connector (8622E) in layers. For example, it is possible to use 8622E series to one side of the cable and two of KEL 8925 or/and 8825E series to the another.
- RoHS compliance.

Specifications

Insulator material	Glass-filled Nylon 66 (UL94V-0), Black *8622X (Cable side connector) Glass-filled LCP (UL94V-0), Black *8630E (Board side connector)
Contact material	Copper alloy
Contact plating	Gold over Nickel
Current rating	0.5A per contact
Contact resistance	50mΩ max.
Dielectric withstanding voltage	200V AC for 1 minute
Insulation resistance	100MΩ min. at 250V DC
Operating temperature	-40°C to +85°C