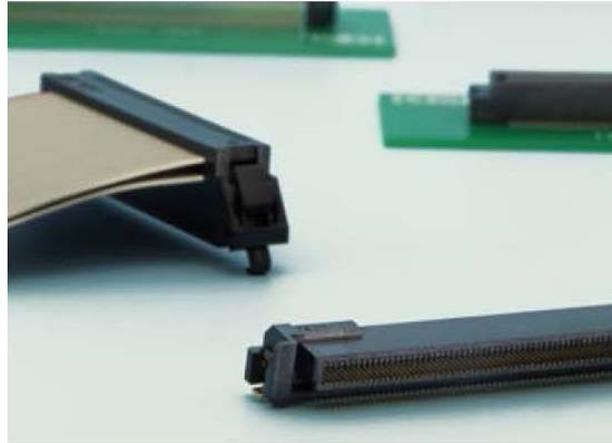


KEL Quarter Pitch (0.635mm Pitch) Connectors (Board to Board / Board to Cable Connector)



KEL has developed 0.635 mm pitch connector for the demand of miniaturization of next generation industrial connector equipment. 8600 series ensures the contact reliability with effective mating length 2 mm.

SMT solder joint for high density mounting. Pin variation is from 52 to 200pin.

Product variations has Board-to-board for stack, horizontal and vertical connection are possible, board to board eject lock type and board to cable type.

8600 Series Mating Matrix

	Receptacle				
	8601-□□□□ (Right Angle)	8601-□□□□S□-P (Flexible Straight)	8601-□□□□FL (Right Angle)	8602E-□□□□□ (Straight/With Eject Lock)	8622□-□□□□ (Cable side)
8611-□□□□S□ (Straight)	Vertical Mating	Stack Mating 8mm,12mm,16mm	Vertical Mating	-	-
8611H-□□□□FL (Right Angle)	Horizontal Offset Mating	Vertical Mating	Horizontal Mating	-	-
8602E-□□□□S□ (Straight/Conformed with Eject Lock)	Vertical Mating	Stack Mating 8mm,12mm,16mm	Vertical Mating	Stack Mating 8mm	Board to Cable Mating

8600 Series

Board to board connector

0.635mm pitch Board-to-board connector.
Three-dimensional mating of vertical, horizontal and stack connection types are available. Effective mating length is 2 mm.



Specifications	
Current rating	: 0.5A per contact
Contact resistance	: 50mΩ max.
Withstand voltage	: 200V AC for 1 minute
Insulation resistance	: 100MΩmin. At 250V DC
Operating temperature	: -40°C to +85°C

8602E Series

Board to board connector eject lock type

0.635mm Pitch Board to board connector with one touch eject lock mechanism.

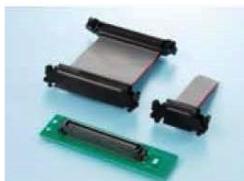


Specifications	
Current rating	: 0.5A per contact
Contact resistance	: 50mΩ max.
Withstand voltage	: 200V AC for 1 minute
Insulation resistance	: 100MΩmin. At 250V DC
Operating temperature	: -40°C to +85°C

8622E Series

Board to cable connector for 0.635mm pitch flat cable

0.635 mm pitch flat cable connector.
Adopted one-touch eject lock mechanism.
Board side connector can also be mated with board to board connector, so it is possible to combine board to board and board to cable combination.



Specifications	
Current rating	: 0.5A per contact
Contact resistance	: 50mΩ max.
Withstand voltage	: 200V AC for 1 minute
Insulation resistance	: 100MΩmin. At 250V DC
Operating temperature	: -40°C to +85°C
Recommended cable	: AWG #30 Flat ribbon cable