

KEL, 8900 Series Mating Matrix (20, 30, 40, 50, 60, 68, 80, 100 and 120 position)

RECEPTACLE (FEMALE) CONNECTORS		PLUG(MALE) CONNECTORS									
8901-□□□-178S□-A-F Straight, TH	8911-□□□-178S□-C-F Straight, TH	8913-□□□-178S□-A-F Straight, TH	8913-□□□-178S□-C-F Straight, TH	8911-□□□-178□□-F Right angle, TH	8911-□□□□-F□-F Right angle, TH	8913-□□□-178MS□-A-F Straight, SMT	8931E-□□□-178S-F Straight, TH	8931E-□□□-178L-F Right angle, TH	8930E-□□□-178MS-F Straight, SMT		
8901-□□□-178S□-A-F Straight, TH	*1 Stack Height: 7mm	*1 Stack Height: 9mm	*2 Stack Height: 9mm	*1 Vertical Combination	*4 Vertical Combination	*2 Stack Height: 7mm	No	No	No		
8901-□□□-178S□-B-F Straight, TH	*1 Stack Height: 8mm	*1 Stack Height: 10mm	*2 Stack Height: 10mm	*1 Vertical Combination	*4 Vertical Combination	*2 Stack Height: 8mm	No	No	No		
8901-□□□-178S□-D-F Straight, TH	*1 Stack Height: 10mm	*1 Stack Height: 12mm	*2 Stack Height: 12mm	*1 Vertical Combination	*4 Vertical Combination	*2 Stack Height: 10mm	No	No	No		
8903-□□□-178S□-A-F Straight, TH	*1 Stack Height: 7mm	*1 Stack Height: 9mm	*1 Stack Height: 9mm	*1 Vertical Combination	*4 Vertical Combination	*1 Stack Height: 7mm	*4 Stack Height: 7mm	*4 Vertical Combination	*4 Stack Height: 7mm		
8903-□□□-178S□-B-F Straight, TH	*1 Stack Height: 8mm	*1 Stack Height: 10mm	*1 Stack Height: 10mm	*1 Vertical Combination	*4 Vertical Combination	*1 Stack Height: 8mm	*4 Stack Height: 8mm	*4 Vertical Combination	*4 Stack Height: 8mm		
8903-□□□-178S□-D-F Straight, TH	*1 Stack Height: 10mm	*1 Stack Height: 12mm	*1 Stack Height: 12mm	*1 Vertical Combination	*4 Vertical Combination	*1 Stack Height: 10mm	*4 Stack Height: 10mm	*4 Vertical Combination	*4 Stack Height: 10mm		
8903□□□□□□□□-F Straight, TH	No	No	*9 Stack Height: 20 to 30 mm	No	No	*9 Stack Height: 20 to 30 mm	*8 Stack Height: 20 to 30 mm	*8 Vertical Combination	*8 Stack Height: 20 to 30 mm		
8901-□□□-177□-F Right angle, TH	*1 Vertical Combination	*1 Vertical Combination	*2 Vertical Combination	*1 Horizontal Combination	*4 Horizontal Combination	*2 Vertical Combination	No	No	No		
8903-□□□-177MS□-A-F Straight, SMT	No	No	*1 Stack Height: 7mm	No	No	*1 Stack Height: 7mm	*4 Stack Height: 7mm	*4 Vertical Combination	*4 Stack Height: 7mm		
8903-□□□-177MS□-B-F Straight, SMT	No	No	*1 Stack Height: 8mm	No	No	*1 Stack Height: 8mm	*4 Stack Height: 8mm	*4 Vertical Combination	*4 Stack Height: 8mm		
8925-□□□-179-F IDC	No	No	*7 Mated Height: 15mm	No	No	*7 Mated Height: 15mm	*6 Mated Height: 15mm	*6 Vertical Combination	*6 Mated Height: 15mm		
8925R-□□□-179-F IDC	No	No	*5 Mated Height: 11.8mm	No	No	*5 Mated Height: 11.8mm	*3 Mated Height: 11.8mm	*3 Vertical Combination	*3 Mated Height: 11.8mm		
8925E-□□□-179-F IDC	No	No	*5 Mated Height: 15mm	No	No	*5 Mated Height: 15mm	*3 Mated Height: 15mm	*3 Vertical Combination	*3 Mated Height: 15mm		

*1 :68 position is not available

*2 :68 position is not available (Insertion / Removal angles are restricted)

*3 :120 position is not available (w / locking ejector system)

*4 :68 and 120 position are not available

*5 :68 and 120 position are not available (Locking ejector system is not available)

*6 :20, 30, 60 and 120 position are not available

*7 :20, 30, 60, 68 and 120 position are not available

*8 :20, 30 and 120 position are not available

*9 :20, 30, 68 and 120 position are not available