

KEL for Micro Coaxial Cable Connector

Equipment to adopt



Connection format

Board to Board
Board to Cable
Cable to Cable

Series Name:

Series name	XSLS	XSL	ASLS	USLS
Product appearance				
Equipment to adopt				
Pitch (mm)	0.25	0.25	0.4	0.4
Number of contacts	30, 40, 52	48	30, 40, 50	20, 30, 34, 40
Rated current (A)/PIN	AWG#44: 0.3 AWG#46: 0.15	0.25	0.25	0.25
Applicable wire size (AWG) (micro coaxial cable)	#44/46	#44/46	#42	#42 *For 34 pins: #40/42/44/46
Cable joining method	Soldering	Soldering	IDC	IDC *34 pins: soldering
Mating height (mm)	1.44	1.0	1.65	1.65
Operating temperature range (°C)	-40 to +85	-40 to +85	-40 to +105	-40 to +85
Remarks	Effective mating length: 0.31 mm Space saving by stacked mating	Effective mating length: 0.51 mm	Non-magnetic type Locking mechanism Guide structure Effective mating length: 0.27 mm	Effective mating length: 0.35 mm Space saving by stacked mating
USL	SSL	TSL	TSL-NM2	
0.4	0.5	0.55	0.55	
20, 30, 40	10, 20, 30, 40	31	31	
0.25	0.3	AWG#30: 1.0 AWG#32: 0.9 AWG#36: 0.6	AWG#30: 1.0 AWG#32: 0.9 AWG#36: 0.6	
#42	#40	#30/32/36	#30/32/36	
IDC	IDC	Soldering	Soldering	
1.0	1.4	3.25	2.17	
-40 to +85	-40 to +85	-40 to +85	-40~+85	
Effective mating length: 0.5 mm	Effective mating length: 0.5 mm PCB side: straight, right angle	High-speed differential transmission (up to 32 Gbps) Locking mechanism PCB side: straight, right angle Effective mating length: 0.5 mm	High-speed differential transmission (up to 32 Gbps) Non-magnetic type Locking mechanism Effective mating length: 0.5 mm	