



Material:
Shell: PA66 +GF15,UL 94V-0
Welding plate: brass, nickel plated

Electrical Specifications
Impedance: 50Ω
Frequency Range: DC-6 GHz
Voltage Rating: 335V max
VSWR: 1.3 Max. Dielectric
Withstanding Voltage: 700 volts rms
Insulation Resistance: 1000 MΩ Min.
Contact resistance:
Center Contact: 6mΩ max
Outer Contact: 6mΩ max
Vibration: 100m/S² (80~2000Hz)
Impact: 500m/S²
VSWR: ≤1.5 Max@3GHz
Durability(mating): ≥25(cycles)
Insertion force: ≤25 N
Pull out force: ≥5 N
Pull out force(with lock catch): ≥100 N
Temperature Range: -40°C to +85°C

Specifications	Figure	Colour	Specifications	Figure	Colour
KLS1-FAK005A		Black	KLS1-FAK005G		Gray
KLS1-FAK005B		White	KLS1-FAK005H		Pink
KLS1-FAK005C		Blue	KLS1-FAK005I		Beige
KLS1-FAK005D		Purple	KLS1-FAK005K		Yellow
KLS1-FAK005E		Green	KLS1-FAK005Z		Sky blue
KLS1-FAK005F		Brown			

Unnoted tolerance						
Size	A	B	C	⌀	E	F
0-6	0.03	0.05	0.08	0.10	0.15	0.20
6-18	0.05	0.08	0.10	0.15	0.20	0.25
18-30	0.08	0.10	0.15	0.20	0.25	0.35
30-50	0.10	0.15	0.20	0.25	0.35	0.50
50-80	0.15	0.20	0.25	0.35	0.50	0.65
80-120	0.20	0.25	0.35	0.50	0.65	0.80
120-180	0.25	0.35	0.50	0.65	0.80	0.95
180-250	0.35	0.50	0.65	0.80	0.95	1.15

Technical requirements:

- There are no adverse phenomena such as shrinkage, pike, oil stain, glue shortage and miscellaneous color on the surface of the product.
- The product conforms to ROHS environmental protection standard.

PROJECTION		Description:
UNITS	mm	Fakra connectors
SCALE	1:1	
Draw by:	Jenny	KLS P/N: L-KLS1-FAK005
Check by:		
Date	2019-02-20	NingBo KLS ELECTRONIC CO.,L TD.
SHEET	3 OF 1	