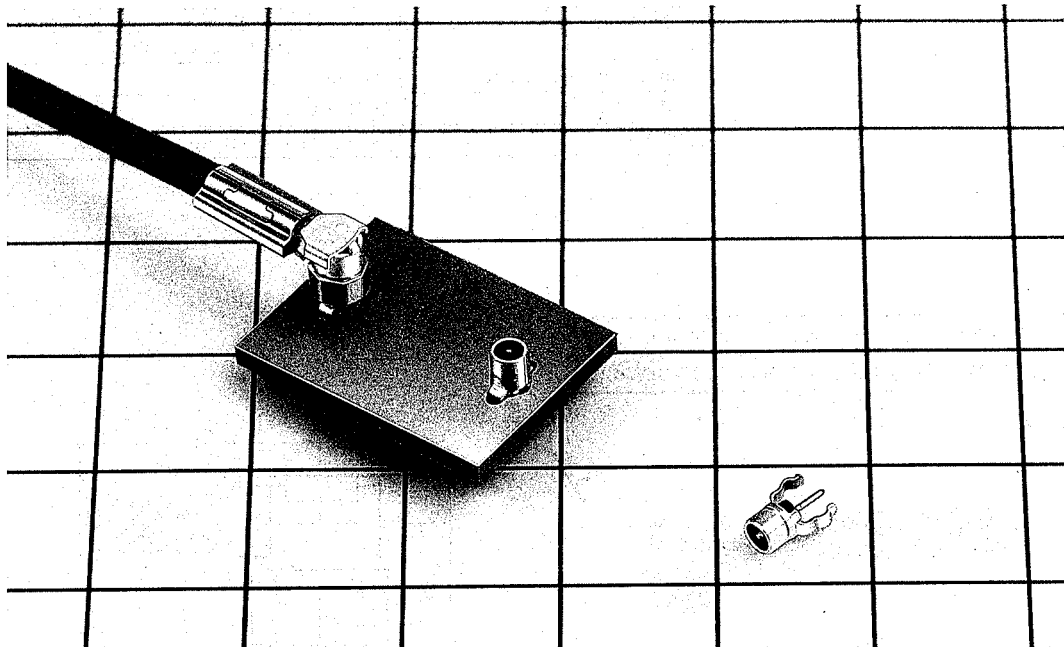


# S.FL SERIES RF CO-AXIAL CONNECTORS

## S.FL SERIES SUPER FL COAXIAL CONNECTORS

### OUTLINE

SLF (Super FL Coaxial Connectors) Series Connectors are low profile super small type coaxial connectors for printed circuits for high density packaging. Compared with our existing FL type connectors, a low profile can be realized by a reduction in the mated height of approx 60% and higher density wiring is possible for high frequency transmission.



### FEATURES

- (1) Low profile  
The height off of the PCB when mated is 6mm or less.
- (2) Low cost  
Plastic and forming products are used as in our FL type connectors.
- (3) High matching  
High frequency performance is V.S.W.R 1.25 or less for 0-2500 MHz.
- (4) Exclusive-use cable is the 0.8D-QEW/CW (Fujikura Ltd.).

### APPLICATION

To portable telephones, car telephones, radio communication units, electric instrument etc.

# MATERIAL AND FINISH

Component	Material	Finish
Shell	Phosphor bronze	Silver Plating
Center contact (male)	Brass	Gold Plating
Center contact (female)	Phosphor bronze	Gold Plating
Insulation	Polyphenylene Oxycid & Polyethylene terephthalate	

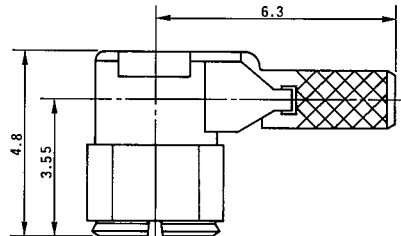
# PERFORMANCE CHARACTERISTICS

(1) General performance characteristics

Item	Specification
Characteristic impedance	50Ω
Insulation resistance	1000MΩ or more (at 250VDC)
Contact resistance	10mΩ or less for both center and outer conductors (at 1 ADC)
Withstanding voltage	250VAC (rms) for one minute
Coupling/removal force	30gf or more
Life of contacts	50 times of use
VSWR	Less than 1.25 for D.C.~2500MHz

# PLUG

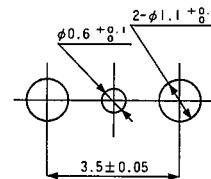
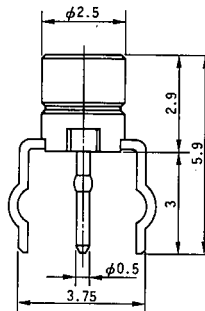
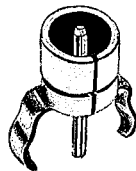
HRS No.	Part No.	Applicable cable
CL331-0101-0	S.FL-LP-0.8DW	0.8D-QEW·CW



Provided with a male extension terminal and crimp sleeve.

# RECEPTACLE

HRS No.	Part No.
CL331-0111-4	S.FL-R-PC



Holes to be drilled in a printed circuit board.