

2012 Size

1.9 / 2.5 GHz Band
Chip Multilayer Splitter/Combiner

SLH-S200C

SLH-S220C

SLH-S240C

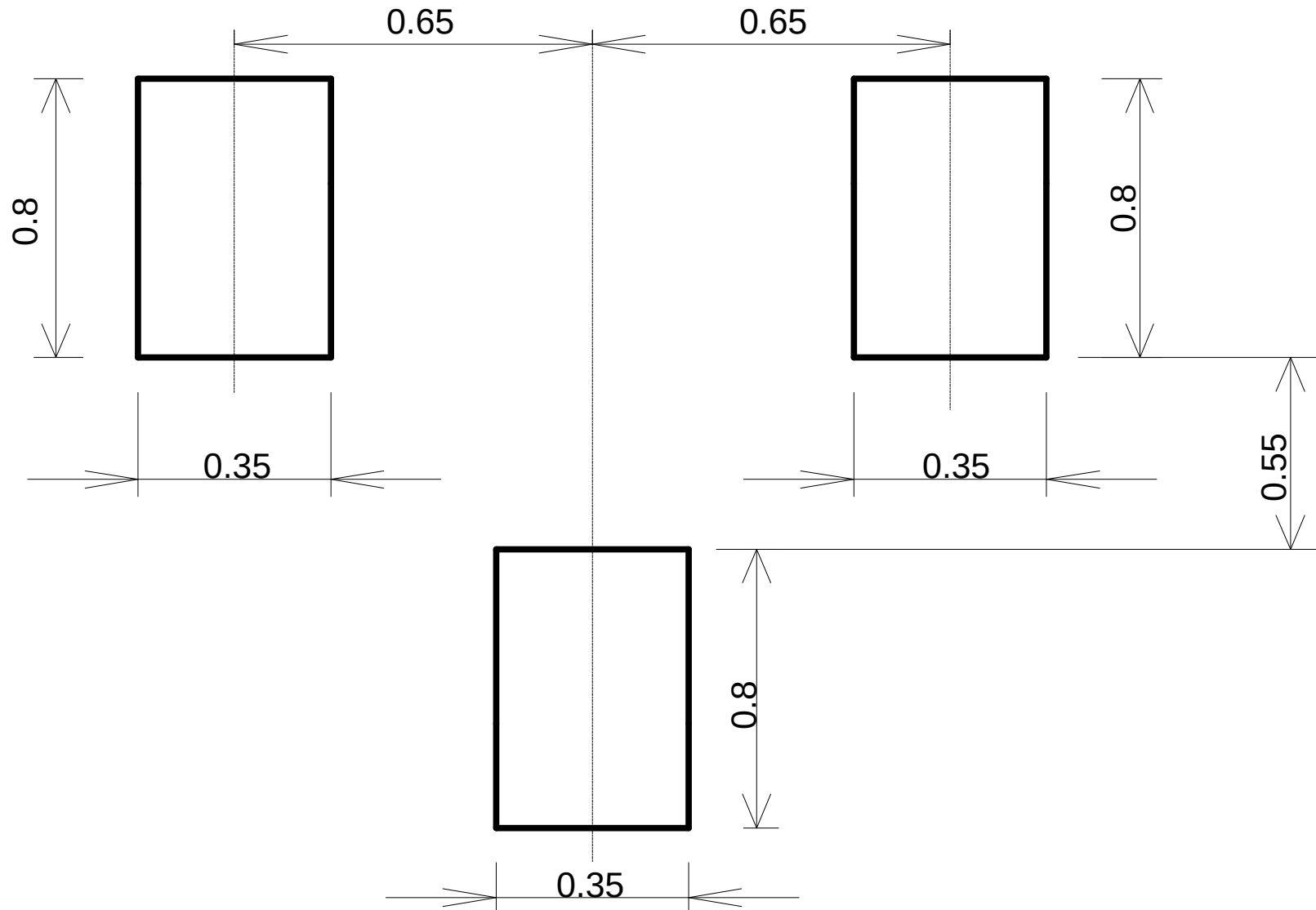
Figure 1 shows the dimensions of the microfluidic chip. The top view (left) shows a rectangular chip with a width of 1.25 mm and a total height of 4 mm. The chip features a central square port, a large 'K' shaped channel, and two semi-circular ports on the left side. The bottom view (right) shows a rectangular chip with a width of 1.0 mm and a total height of 6 mm. The chip features a central square port, a large 'K' shaped channel, and two semi-circular ports on the left side. The dimensions are given in mm.

P/N	Frequency Range(MHz)	Matching Capacitance	Insertion Loss *1	Isolation	Return Loss	Handling Power	Temperature Range
SLH-S200C	1900-2100	1.0pF	1dB Max. (0.3dB Typ.)	12dB Min. (20dB Typ.)	9.5dB Min. (14dB Typ.)	1W Max. (CW)	-35 to +85 deg.C
SLH-S220C	2100-2400	0.75pF	1dB Max. (0.35dB Typ.)	12dB Min. (20dB Typ.)	9.5dB Min. (15dB Typ.)		
SLH-S240C	2400-2500	0.5pF	1dB Max. (0.45dB Typ.)	12dB Min. (18dB Typ.)	9.5dB Min. (15dB Typ.)		

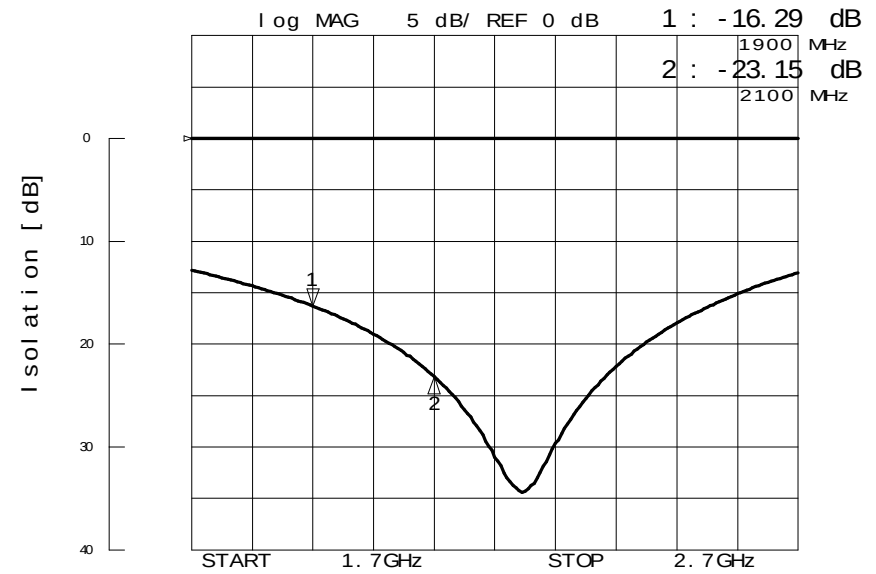
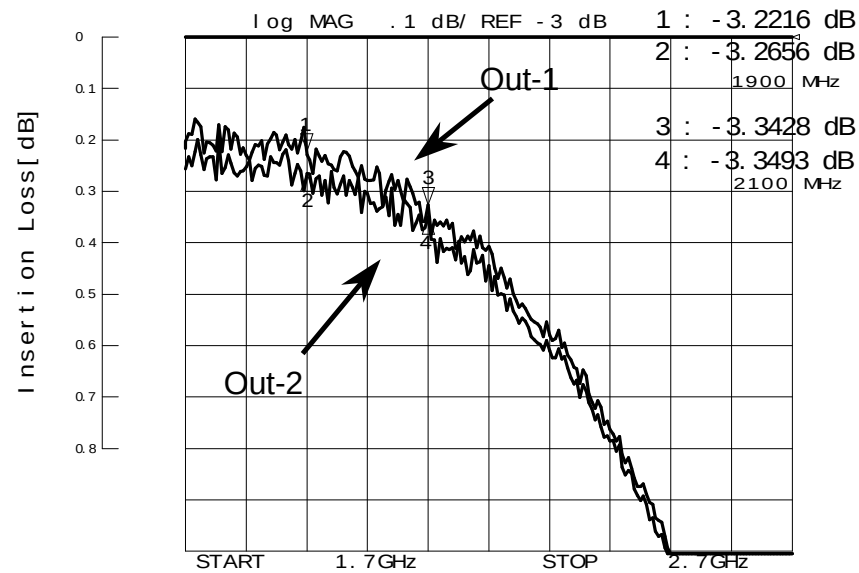
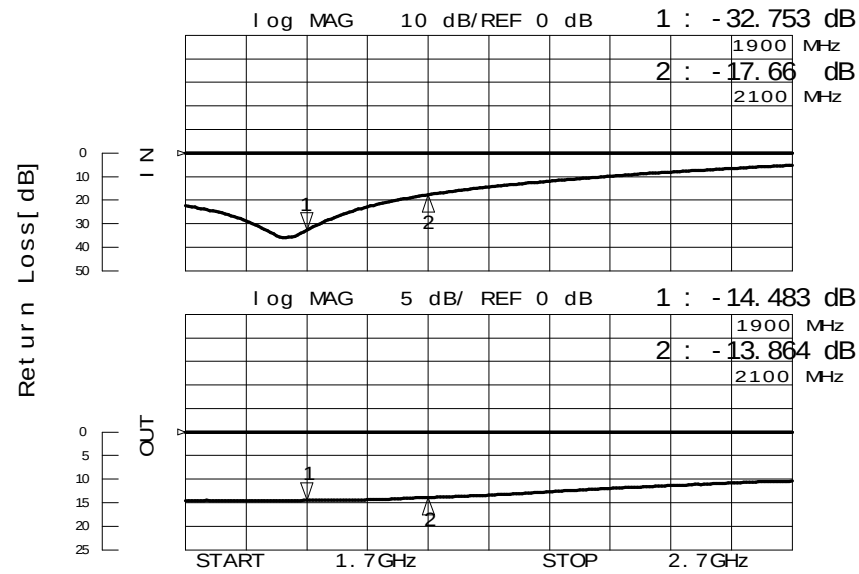
HITACHI METALS

LH-SLH-S220C-9902A

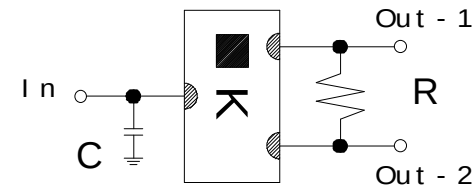
FOOT PATTERN



SLH-S200C Sample Data



2.0 GHz Band
Chip Multilayer Splitter/Combiner“SLH-S200C”

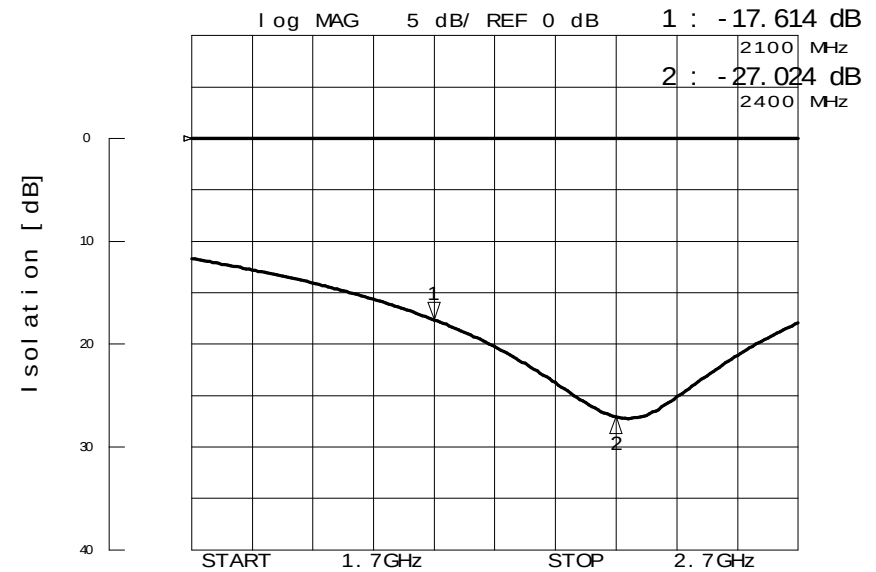
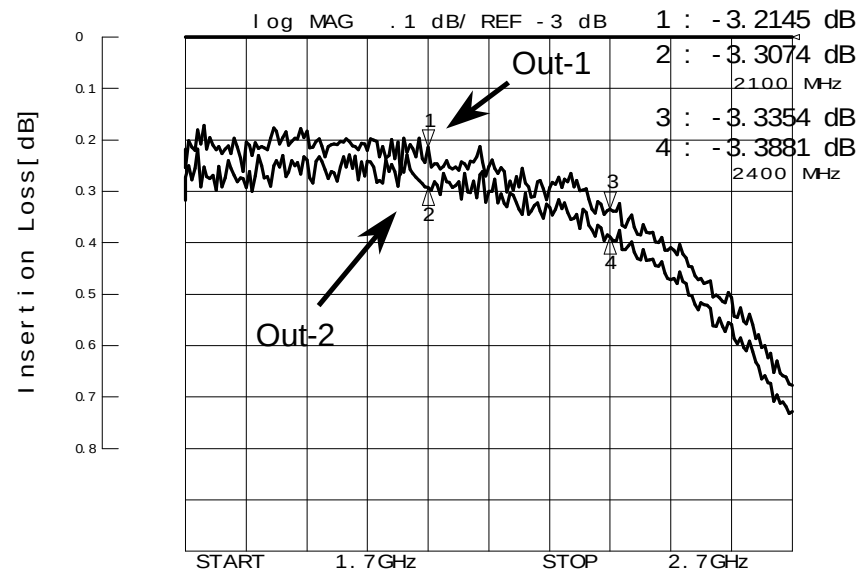
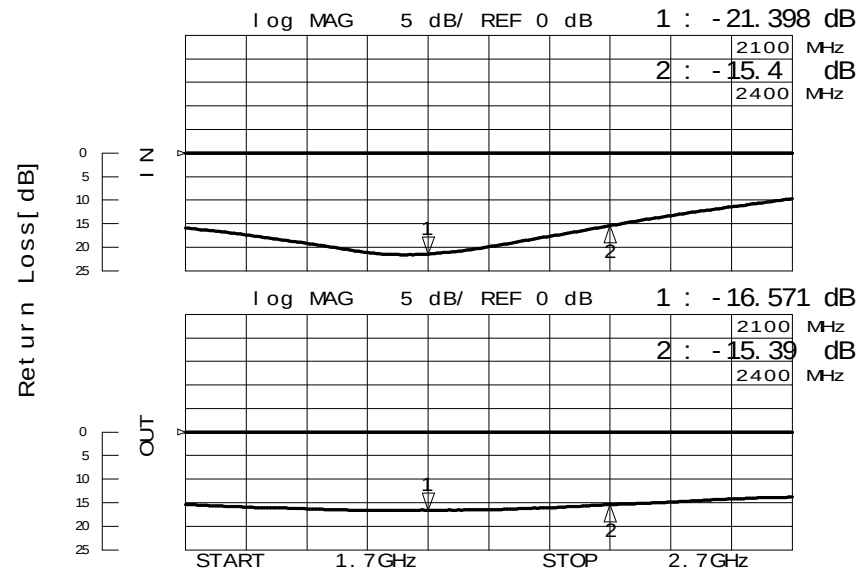


C:1.0pF
R:100 ohm

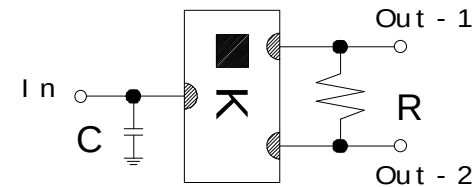
HITACHI METALS

LH-SLH-S200C-9902A

SLH-S220C Sample Data



2.2 GHz Band
Chip Multilayer Splitter/Combiner“SLH-S220C”

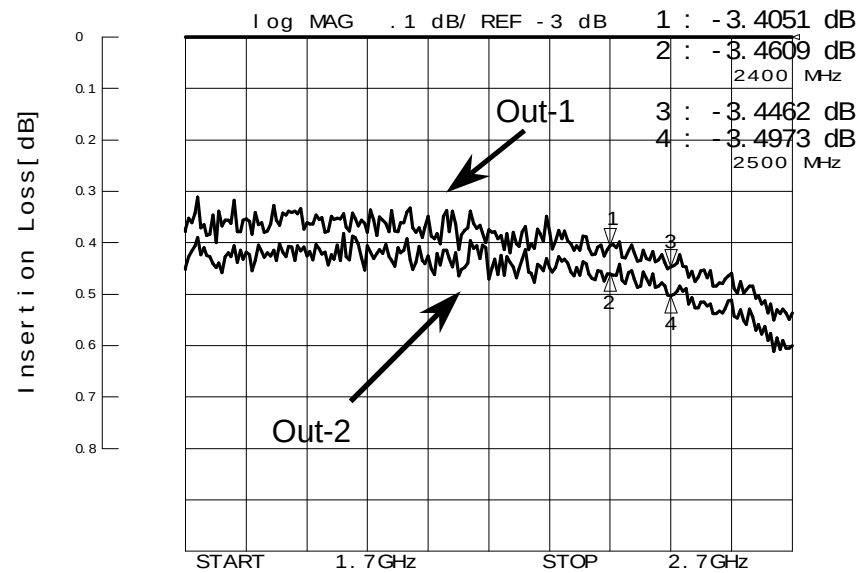
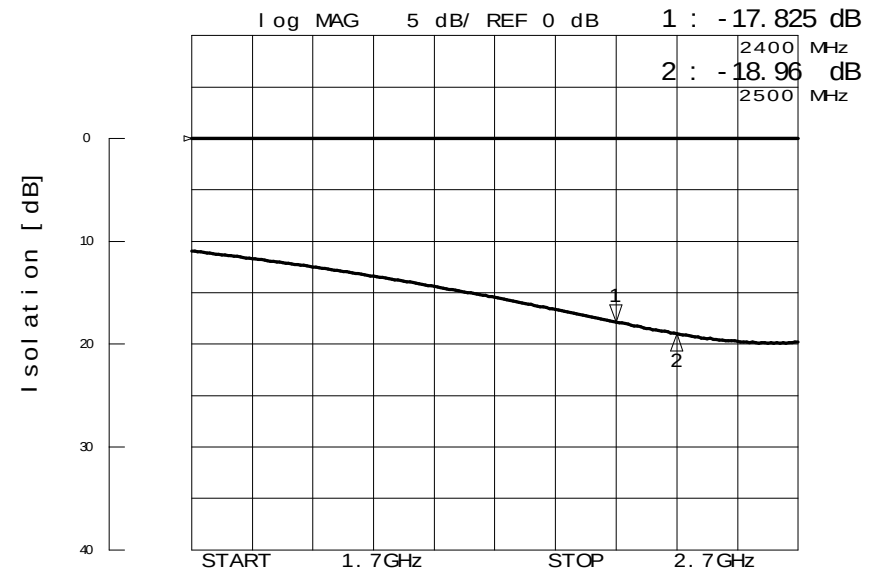
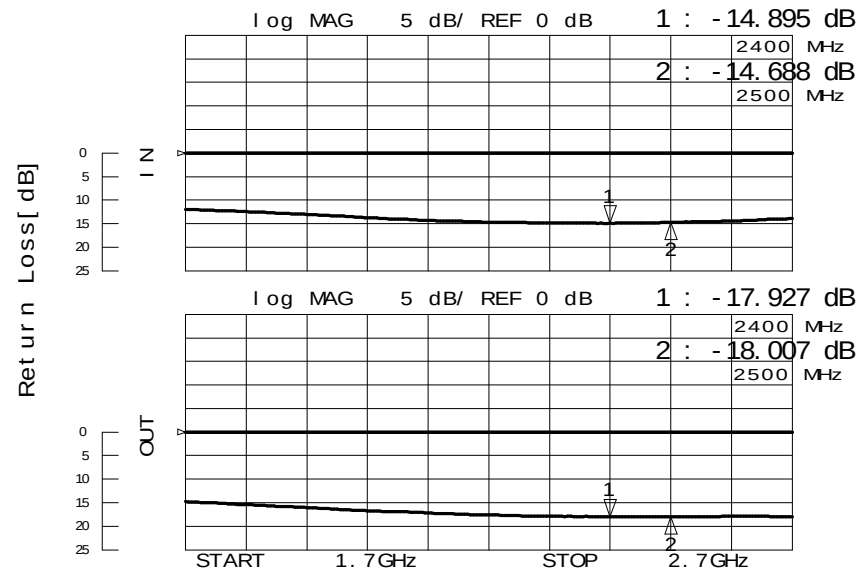


C:0.75pF
R:100 ohm

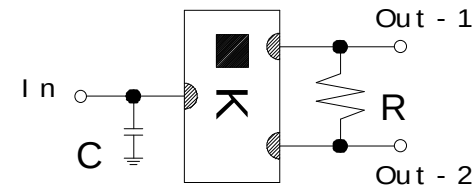
HITACHI METALS

LH-SLH-S220C-9902A

SLH-S240C Sample Data



2.4 GHz Band
Chip Multilayer Splitter/Combiner“SLH-S240C”



C:0.5pF
R:100 ohm

HITACHI METALS

LH-SLH-S220C-9902A