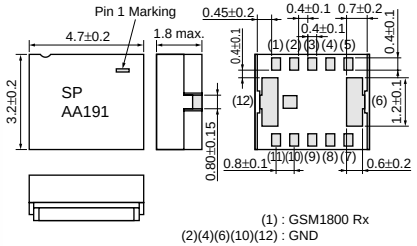
RF Diode Switches

SWITCHPLEXER®



(1) : GSM1800 Rx
(2)(4)(6)(10)(12) : GND
(3) : ANT
(5) : Vc1 (GSM1800 Tx)
(7) : GSM1800 Tx
(8) : Vc2 (GSM900 Tx)
(9) : GSM900 Tx
(11) : GSM900 Rx

All the technical data and information contained herein are subject to change without prior notice.

(in mm)

Part Number	Frequency Range (Band1 Tx) (MHz)	Frequency Range (Band1 Rx) (MHz)	Frequency Range (Band2-1 Tx) (MHz)	Frequency Range (Band2-1 Rx) (MHz)	Frequency Range (Band2-2 Tx) (MHz)	Frequency Range (Band2-2 Rx) (MHz)	Insertion Loss (Band1 Tx-ANT) (dB)	Insertion Loss (ANT-Band1 Rx) (dB)	Insertion Loss (Band2 Tx-ANT) (dB)	Insertion Loss (ANT-Band2-1 Rx) I) (dB)	Insertion Loss (ANT-Band2-2 Rx) (dB)
LMSP43AA-191	ftl:897.5 ±17.5MHz	942.5 ±17.5MHz	fth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	fth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	1.3 max. (at 25°C)	1.0 max. (at 25°C)	1.15 max. (at 25°C)	0.9 max. (at 25°C)	0.9 max. (at 25°C)
LMSP54AA-097	ftl:897.5 ±17.5MHz	942.5 ±17.5MHz	fth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	fth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	1.2 max. (at 25°C)	1.0 max. (at 25°C)	1.2 max. (at 25°C)	1.0 max. (at 25°C)	1.0 max. (at 25°C)
LMSP54CA-141	ftl:897.5 ±17.5MHz	942.5 ±17.5MHz	fdth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	fdth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	1.2 max. (at 25°C)	1.0 max. (at 25°C)	1.55 max. (at 25°C)	1.2 max. (at 25°C)	1.2 max. (at 25°C)
LMSP54CA-142	ftl:897.5 ±17.5MHz	942.5 ±17.5MHz	fdth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	fdth:1747.5 ±37.5MHz	1842.5 ±37.5MHz	1.2 max. (at 25°C)	1.0 max. (at 25°C)	1.55 max. (at 25°C)	1.2 max. (at 25°C)	1.2 max. (at 25°C)