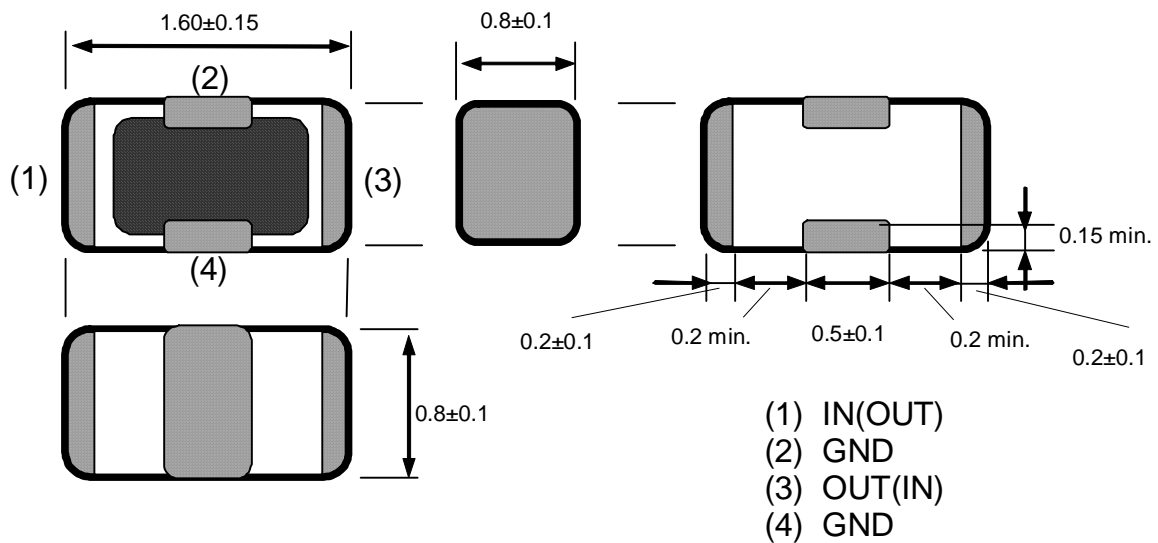


MULTILAYER LOW PASS FILTER

P/N: **DEA161990LT-1182A8**

For GSM / WCDMA / LTE

MECHANICAL DIMENSIONS



Unit : mm

ELECTRICAL CHARACTERISTICS (Ta=+25+/-5 °C)

PARAMETER	FREQ (MHz)	SPECIFICATION	UNIT
Insertion Loss at +25°C	1710-1990	0.50 max.	dB
Insertion Loss at -40~+85°C	1710-1990	0.60 max.	dB
Return Loss	1710-1990	10 min.	dB
Attenuation	3420-3980	30.5 min.	dB
	5130-5970	28.5 min.	dB
	5970-12500	25 min.	dB

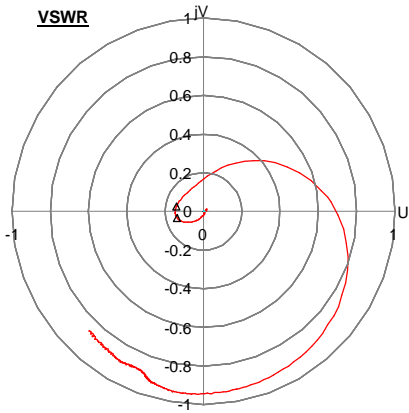
TEMPERATURE RANGE

Storage Temperature	-40 ~ +85 °C
Operating Temperature	-40 ~ +85 °C

FREQUENCY CHARACTERISTICS

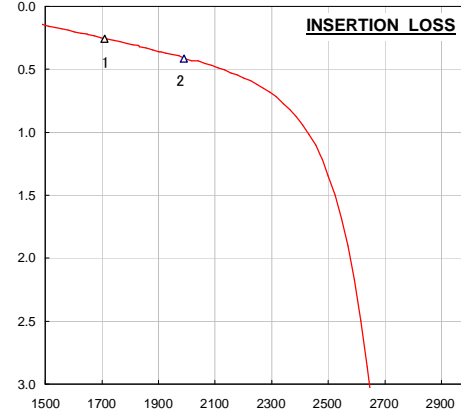
DEA161990LT-1182A8

S11 POLA REF 1.0 U SCALE 1.0U FS



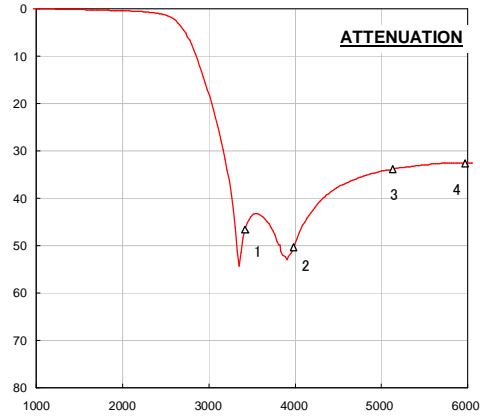
MARKER	Freq (MHz)	Value
MARKER 1	1710.0	1.33
MARKER 2	1990.0	1.33
MARKER 3		MHz
MARKER 4		MHz
MARKER 5		MHz
MARKER 6		MHz

S21 Log MAG REF 0.0dB SCALE 0.5dB/



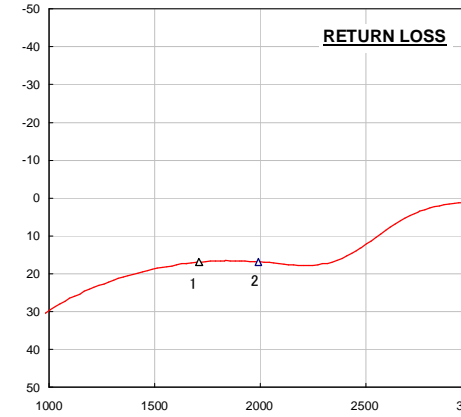
MARKER	Freq (MHz)	Value (dB)
MARKER 1	1710.0	0.26
MARKER 2	1990.0	0.41
MARKER 3		MHz
MARKER 4		MHz
MARKER 5		MHz
MARKER 6		MHz

S21 Log MAG REF 0.0dB SCALE 10.0dB/



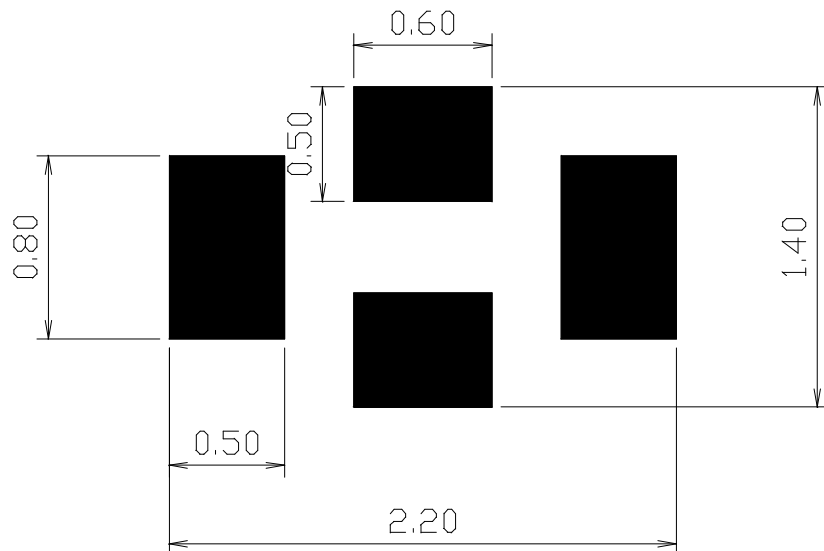
MARKER	Freq (MHz)	Value (dB)
MARKER 1	3420.0	46.6
MARKER 2	3980.0	50.3
MARKER 3	5130.0	33.8
MARKER 4	5970.0	32.6
MARKER 5		MHz
MARKER 6		MHz
MARKER 7		MHz
MARKER 8		MHz

S11 Log MAG REF 0.0dB SCALE 10.0dB/



MARKER	Freq (MHz)	Value (dB)
MARKER 1	1710.0	17.0
MARKER 2	1990.0	16.9
MARKER 3		MHz
MARKER 4		MHz
MARKER 5		MHz
MARKER 6		MHz

EVALUATION PCB PATTERN



Line width be designed to match 50ohm characteristic impedance, depending on PCB material and thickness.

Note: All specifications are subject to change and are not guaranteed.