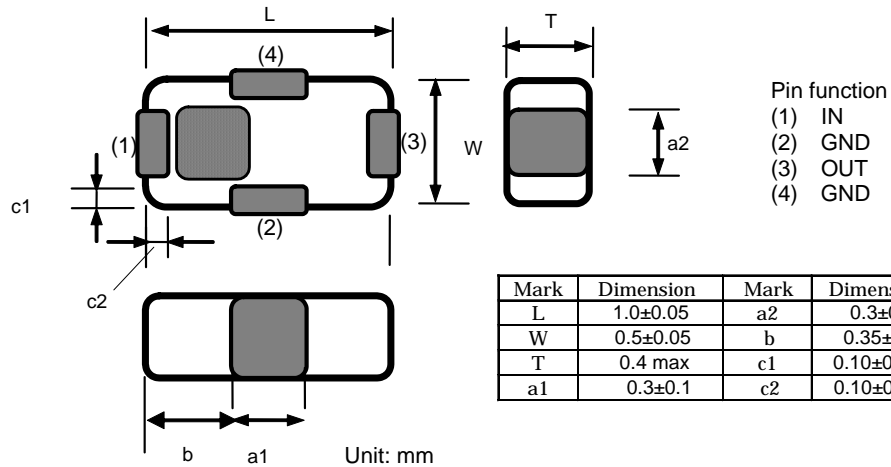


MULTILAYER LOW PASS FILTER

P/N: **DEA102500LT-6307A1**

[MECHANICAL DIMENSIONS]



[ELECTRICAL CHARACTERISTICS]

No.	PARAMETER	FREQ (MHz)	SPECIFICATION	TYP	UNIT
1	Insertion Loss (at +25°C)	2400-2500	0.45 max	0.33	dB
2	Insertion Loss (at -40~+85°C)	2400-2500	0.55 max	-	dB
3	Attenuation	4800-5000	21.0 min	26.0	dB
4	Attenuation	7200-7500	21.0 min	24.2	dB
5	VSWR	2400-2500	1.7 max	1.21	-

[TEMPERATURE RANGE]

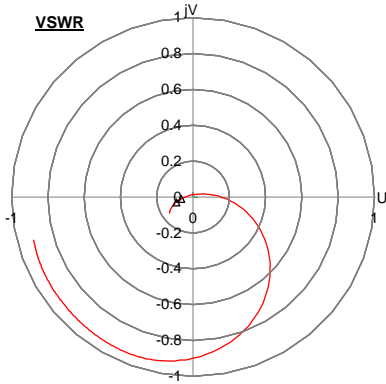
Storage Temperature	-40 ~ +85 °C
Operation Temperature	-40 ~ +85 °C

Note: This document is PRELIMINARY. All specifications are subject to change and are not guaranteed.

[FREQUENCY CHARACTERISTICS]

DEA102500LT-6307A1

S11 POLA REF 1.0 U SCALE 1.0U FS



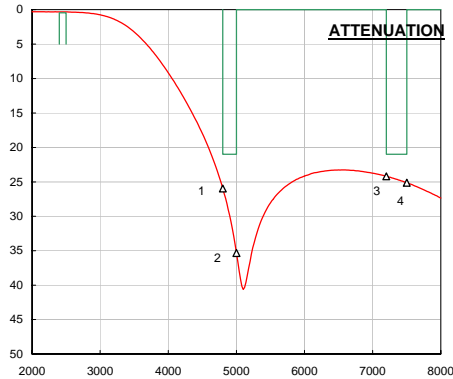
MARKER 1	2400.0 MHz
MARKER 2	2500.0 MHz
MARKER 3	MHz
MARKER 4	MHz
MARKER 5	MHz
MARKER 6	MHz

S21 Log MAG REF 0.0dB SCALE 0.5dB/



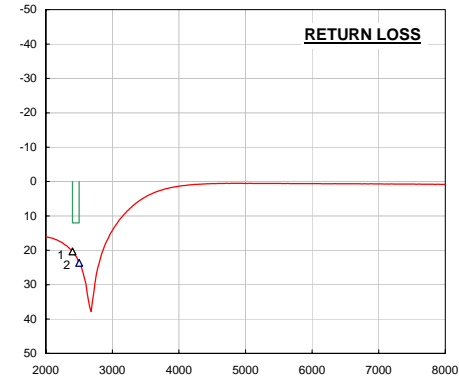
MARKER 1	2400.0 MHz	0.32 dB
MARKER 2	2500.0 MHz	0.33 dB
MARKER 3	MHz	dB
MARKER 4	MHz	dB
MARKER 5	MHz	dB
MARKER 6	MHz	dB

S21 Log MAG REF 0.0dB SCALE 5.0dB/



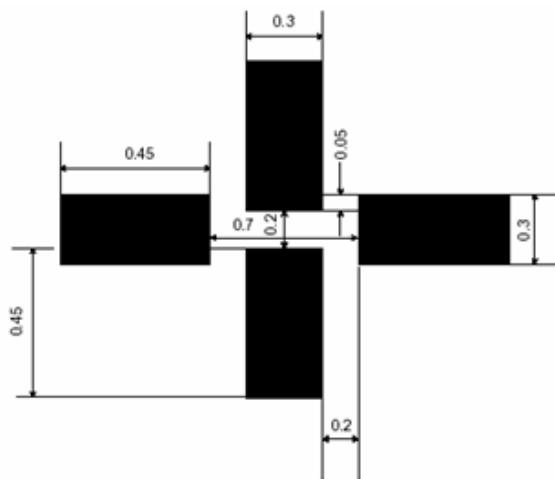
MARKER 1	4800.0 MHz	26.0 dB
MARKER 2	6000.0 MHz	35.3 dB
MARKER 3	7200.0 MHz	24.2 dB
MARKER 4	7500.0 MHz	25.1 dB
MARKER 5	MHz	dB
MARKER 6	MHz	dB
MARKER 7	MHz	dB
MARKER 8	MHz	dB

S11 Log MAG REF 0.0dB SCALE 10.0dB/



MARKER 1	2400.0 MHz	20.3 dB
MARKER 2	2500.0 MHz	23.6 dB
MARKER 3	MHz	dB
MARKER 4	MHz	dB
MARKER 5	MHz	dB
MARKER 6	MHz	dB

[RECOMMENDED LANDPATTERN]



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