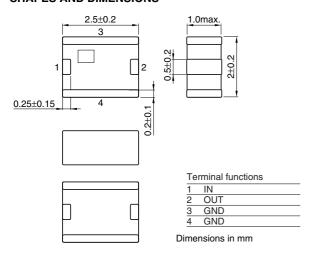
&TDK

Multilayer Chip Band Pass Filters For 5.0GHz W-LAN

Conformity to RoHS Directive

DEA Series DEA255375BT-2076A1

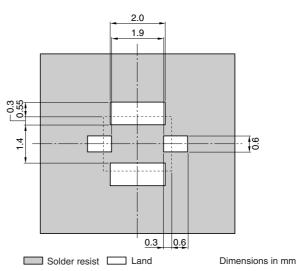
SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS LAND

$\begin{array}{c} 2.3 \\ \hline \\ 1.1 & 0.4 \\ \hline \\ 0.3 & 0.6 \\ \hline$

SOLDER RESIST



ELECTRICAL CHARACTERISTICS

Item				Minimum value	Typical value	Maximum value
Center frequency		[5375MHz]		_	_	_
Insertion loss	[25°C]	[4900 to 5850MHz]	(dB)	_	_	1.2
	[-40 to +85°C]	[4900 to 5850MHz]	(dB)	_	_	1.5
VSWR		[4900 to 5850MHz]		_	_	2.0
Ripple in Pass Band		[4900 to 5850MHz]	(dB)	_	_	1.0
Attenuation	[25°C]	[824 to 1910MHz]	(dB)	50	_	_
	[-40 to +85°C]	[9880 to 11700MHz]	(dB)	15	_	_
Tomporatura rango		Operating	(°C)	-40	_	+85
Temperature range		Storage	(°C)	-40	_	+85

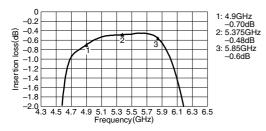
[•] Ta:+25°C

[•] Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

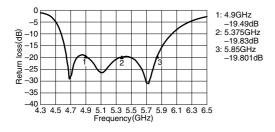
[•] All specifications are subject to change without notice.

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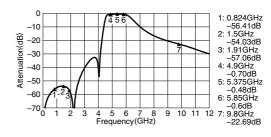
FREQUENCY CHARACTERISTICS INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

