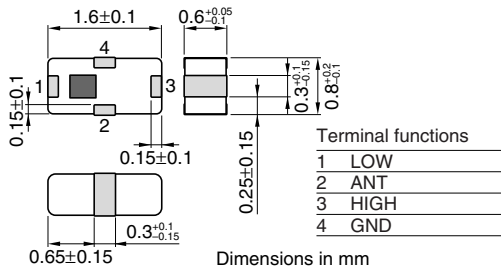


Multilayer Chip Diplexers For 2.4/5GHz W-LAN

Conformity to RoHS Directive

DPX Series DPX165850DT-8017A1

SHAPES AND DIMENSIONS



ELECTRICAL CHARACTERISTICS

Item	Port	Frequency range	Minimum value	Typical value	Maximum value
Insertion loss	ANT-LOW	2400 to 2500MHz	(dB) —	0.3	0.4
	ANT-HIGH	4900 to 5850MHz	(dB) —	0.37	0.6
Attenuation	ANT-LOW	4900 to 5850MHz	(dB) 20.0	23.1	—
	ANT-HIGH	2400 to 2500MHz	(dB) 20.0	35.2	—
VSWR	ANT	2400 to 2500MHz	—	1.26	1.6
	ANT	4900 to 5850MHz	—	1.34	1.9
	LOW	2400 to 2500MHz	—	1.24	1.6
	HIGH	4900 to 5850MHz	—	1.35	1.9
Temperature range	Operating	(°C)	-40	—	+85
	Storage	(°C)	-40	—	+85

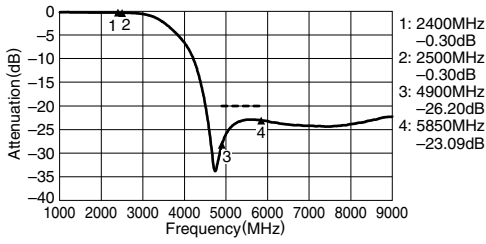
• Ta: +25±5°C

• 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.

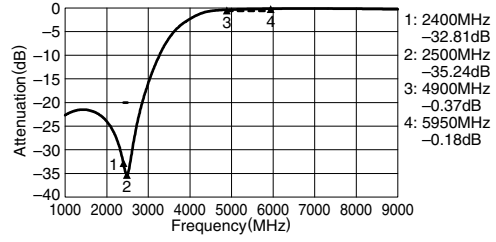
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

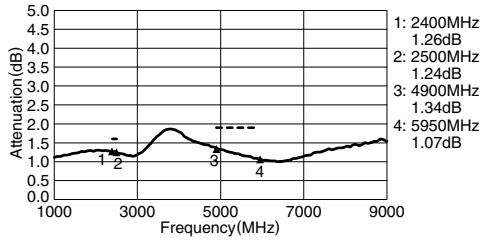
Lo-BAND PORT S21



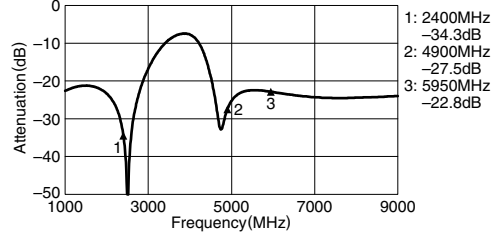
Hi-BAND PORT S31



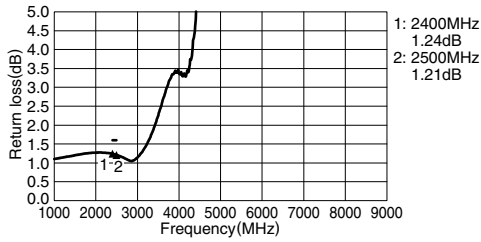
COMMON PORT VSWR S11



ISOLATION S23



Lo-BAND PORT VSWR S22



Hi-PORT VSWR S33

