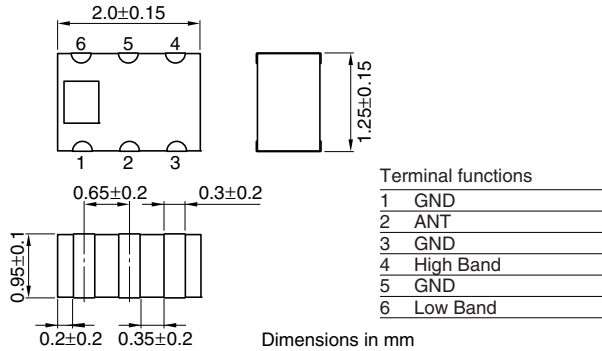


Multilayer Chip Diplexers For GSM850/PCS Tx & Rx

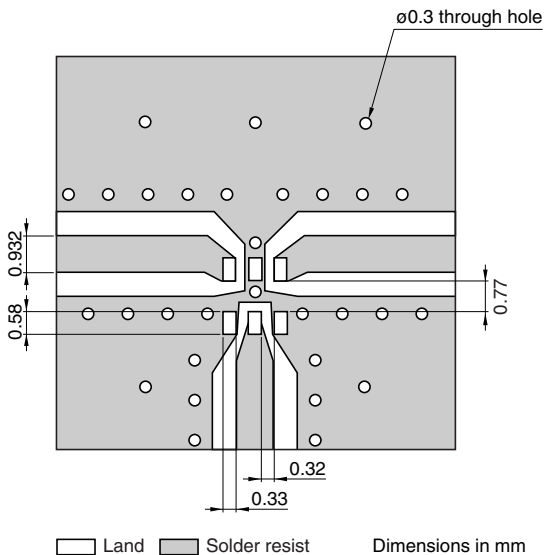
Conformity to RoHS Directive

DPX Series DPX205850DT-4032A1

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item	Port	Frequency range		Minimum value	Typical value	Maximum value
Insertion loss	ANT Lo-band	800 to 2170MHz	(dB)	—	1.51	3.0
	ANT Hi-band	2400 to 5850MHz	(dB)	—	1.36	3.0
Attenuation	ANT Lo-band	2400 to 5850MHz	(dB)	8.0	12.7	—
	ANT Hi-band	800 to 2170MHz	(dB)	8.0	11.5	—
Temperature range		Operating	(°C)	−40	—	+85
		Storage	(°C)	−40	—	+85

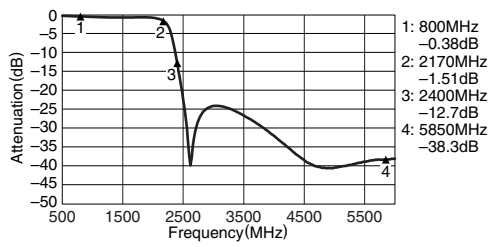
• Ta: +25°C

• 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.

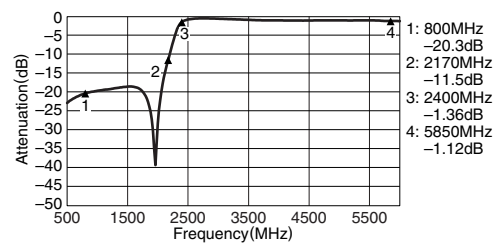
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

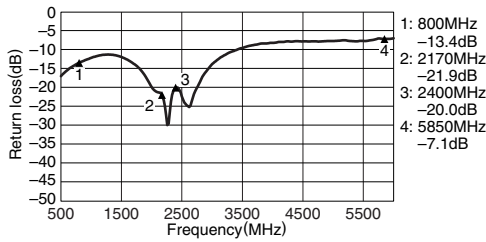
Lo-BAND PORT ATTENUATION S21



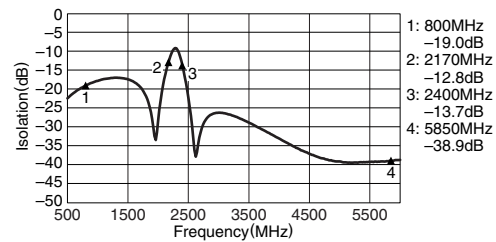
Hi-BAND PORT ATTENUATION S31



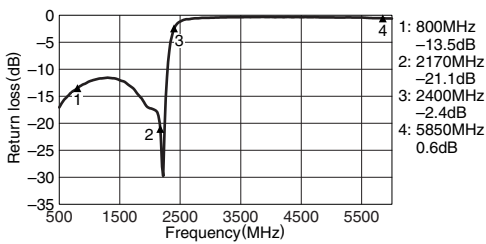
COMMON PORT RETURN LOSS S11



ISOLATION S23



Lo-BAND PORT RETURN LOSS S22



Hi-PORT RETURN LOSS S33

