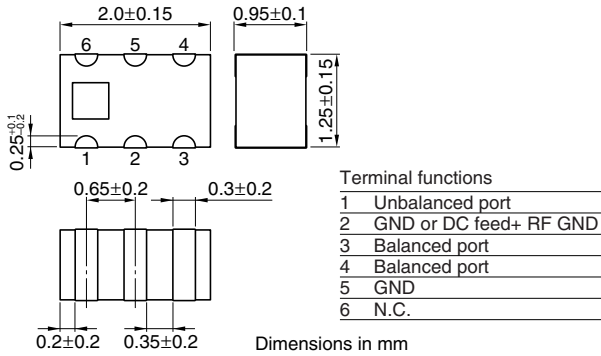


Multilayer Chip Baluns For EGSM/Tx & Rx

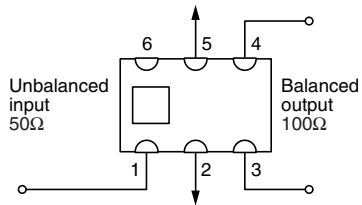
Conformity to RoHS Directive

HHM Series HHM1523C1

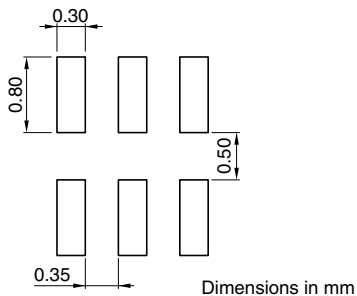
SHAPES AND DIMENSIONS



CIRCUIT DIAGRAM



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Unbalanced impedance	50 Ω
Balanced impedance	100 Ω
Frequency range	880 to 960MHz
Unbalanced port return loss	10dB min.
Phase imbalance at balanced port	180 $\pm$ 10deg.
Amplitude imbalance at balanced port	0 $\pm$ 1.0dB
Insertion loss	1.1dB max.
Temperature range	Operating -40 to +85°C
	Storage -40 to +85°C
Packaging style and quantities	2000pieces/reel

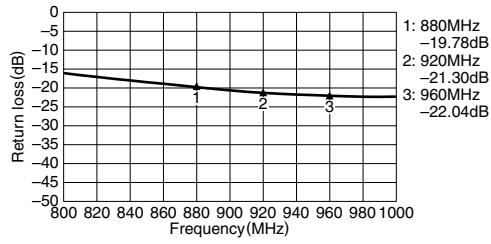
• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

• All specifications are subject to change without notice.

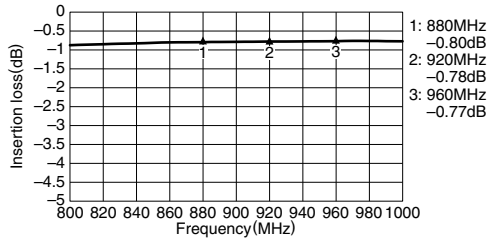
FREQUENCY CHARACTERISTICS

Unbalance 50Ω/Balance 100Ω

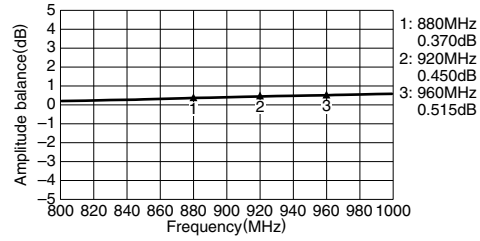
RETURN LOSS



INSERTION LOSS



AMPLITUDE BALANCE



PHASE BALANCE

