

Multilayer Directional Couplers

For GSM850/GSM Tx

HHM Series

Type: **HHM2620A2 (2.0×1.25×0.95mm)**

Issue date: December 2010

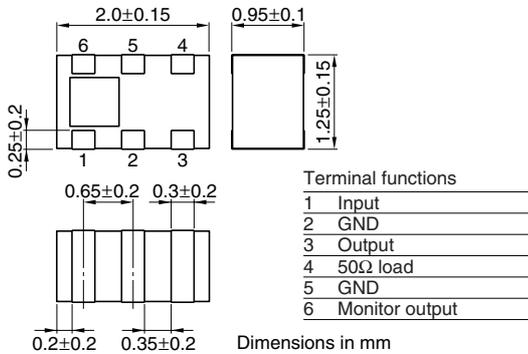
- All specifications are subject to change without notice.
 - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.
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Multilayer Chip Directional Couplers For AGSM-GSM/Tx

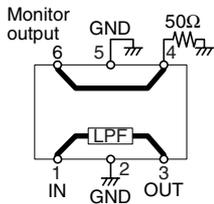
Conformity to RoHS Directive

HHM Series HHM2620A2

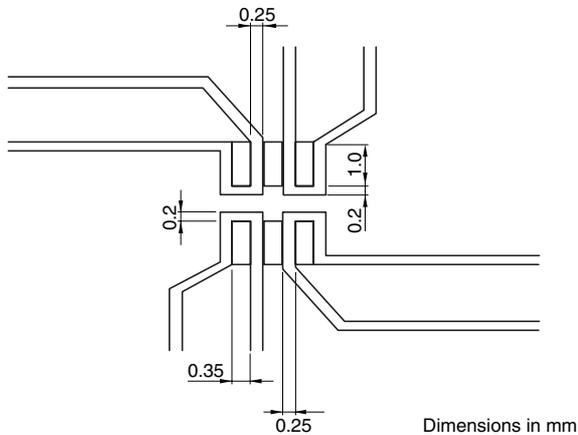
SHAPES AND DIMENSIONS



CIRCUIT DIAGRAM



RECOMMENDED PC BOARD PATTERNS



This width is 50Ω.
CPW for 0.6mm thick Teflon substrate.

ELECTRICAL CHARACTERISTICS

Coupling factor	[824 to 915MHz]	19.0±1.0dB
Isolation	[824 to 915MHz]	25dB min.
VSWR	[824 to 915MHz]	1.4dB max.
Insertion loss	[824 to 915MHz]	0.50dB max.*1
	[824 to 915MHz]	0.55dB max.*2
Attenuation	[1648 to 1830MHz]	30dB min.
	[2472 to 2745MHz]	25dB min.
Temperature range	Operating	-40 to +85°C
	Storage	-40 to +85°C

*1 25°C

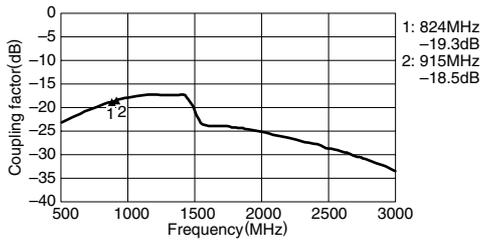
*2 Operating temperature

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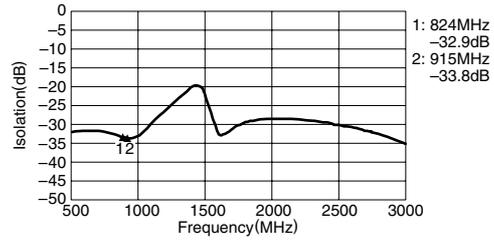
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FREQUENCY CHARACTERISTICS

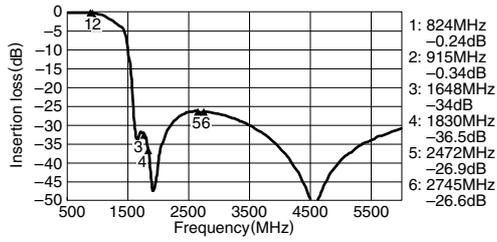
COUPLING



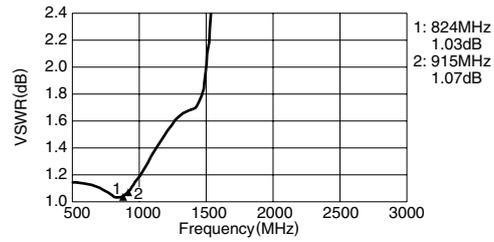
ISOLATION



INSERTION LOSS



VSWR



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