



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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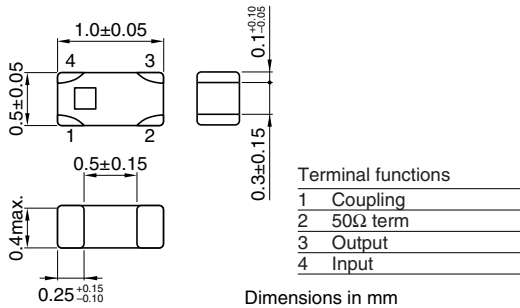


# Multilayer Chip Directional Couplers For DCS/PCS

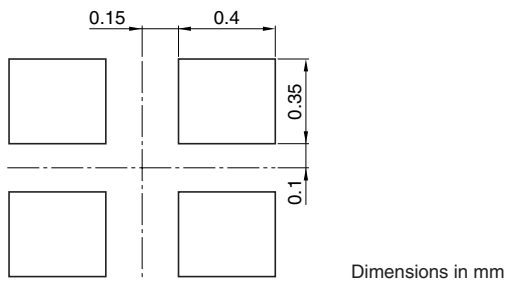
Conformity to RoHS Directive

HHM Series HHM2910E4

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

Frequency range	1710 to 1755MHz	1850 to 1980MHz
Coupling factor	21.2±1.0dB	20.5±1.0dB
Insertion loss	0.22dB max.*1	0.22dB max.*1
	0.25dB max.*2	0.25dB max.*2
Isolation	34dB min.	34dB min.
VSWR	1.4max.	1.4max.
Temperature range	Operating	-40 to +85°C
	Storage	-40 to +85°C

\*1 25°C

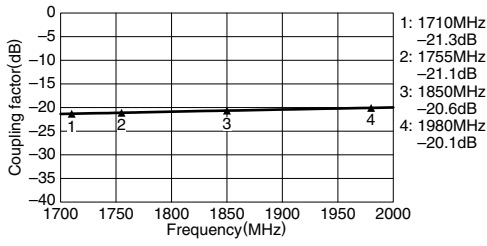
\*2 Operating temperature

• 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.

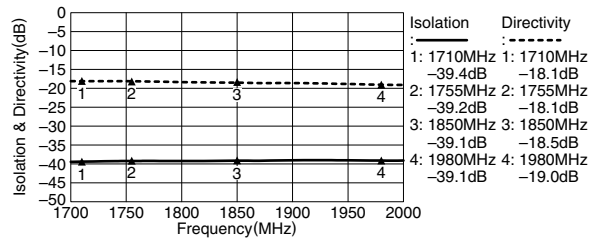
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

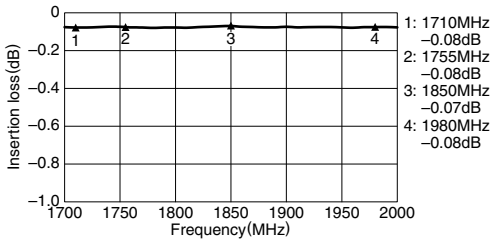
#### COUPLING



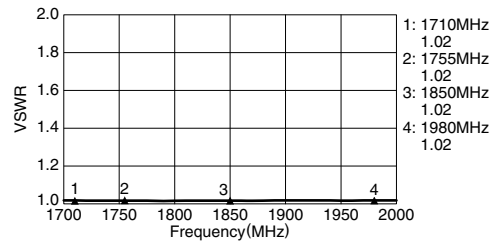
#### ISOLATION & DIRECTIVITY



#### INSERTION LOSS



#### VSWR



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