Chipsmall

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

TDK
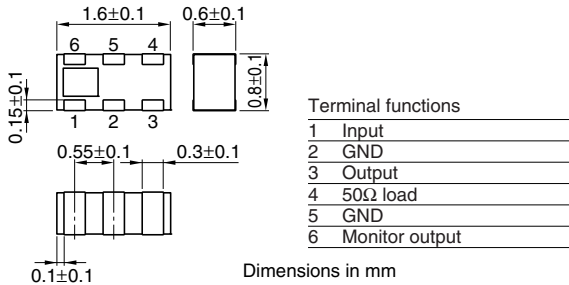
Multilayer Chip Directional Couplers For DCS/Tx

Conformity to RoHS Directive

HHM Series HHM2204SA1

SHAPES AND DIMENSIONS

1.6±0.1   0.6±0.1

0.8±0.1

0.15±0.1

0.55±0.1   0.3±0.1

0.1±0.1

Terminal functions	
1	Input
2	GND
3	Output
4	50Ω load
5	GND
6	Monitor output

Dimensions in mm

CIRCUIT DIAGRAM

Monitor output   GND   50Ω

6   5   4

1   2   3

IN   GND   OUT
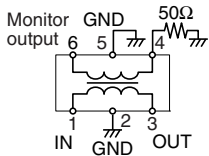
RECOMMENDED PC BOARD PATTERNS

0.25   0.25

This width is 50Ω.
Micro-strip line for 0.4mm thick glass-epoxy substrate.

0.6 0.3 0.6

0.6 0.3

0.7

0.3   0.3

ø0.3 Through-hole   Dimensions in mm
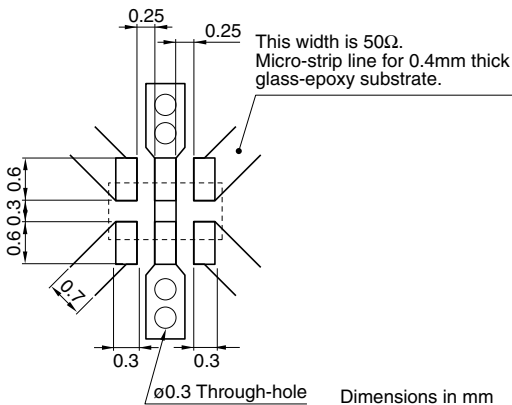
ELECTRICAL CHARACTERISTICS

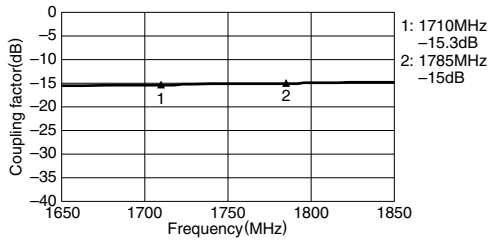| Frequency range		1710 to 1785MHz
Coupling factor		15.0±1.0dB
Insertion loss		0.30dB max.*1
		0.35dB max.*2
Isolation		25dB min.
VSWR		1.3 max.
Temperature range	Operating	−40 to +85°C
	Storage	−40 to +85°C

*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.
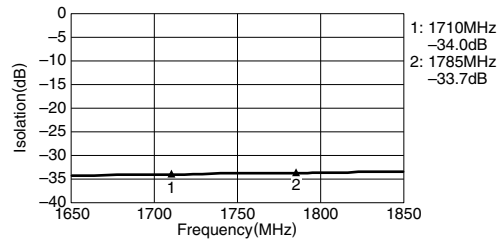
• All specifications are subject to change without notice.
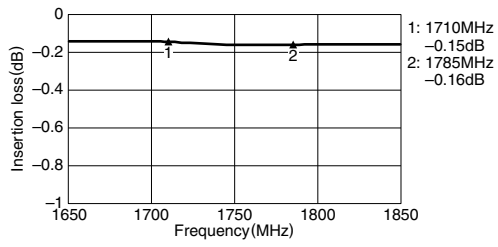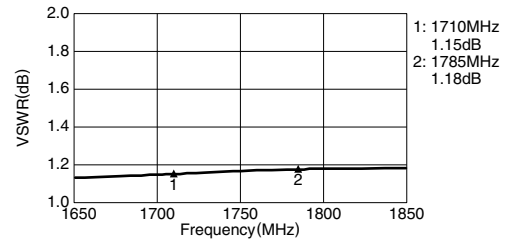
公TDK

FREQUENCY CHARACTERISTICS

COUPLING

1: 1710MHz
−15.3dB
2: 1785MHz
−15dB

ISOLATION

1: 1710MHz
−34.0dB
2: 1785MHz
−33.7dB

INSERTION LOSS

1: 1710MHz
−0.15dB
2: 1785MHz
−0.16dB

VSWR

1: 1710MHz
1.15dB
2: 1785MHz
1.18dB

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