THE DATASHEET OF

LDC211G7414B-027

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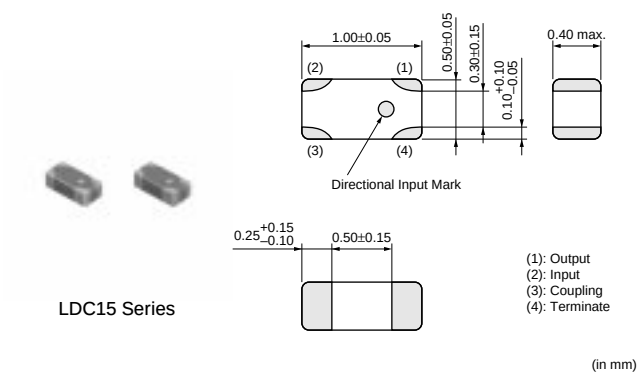
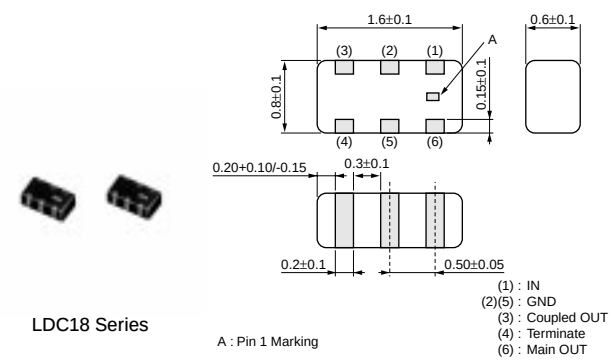
Chip Multilayer Hybrid Couplers

Directional Coupler



LDC15 Series

(in mm)

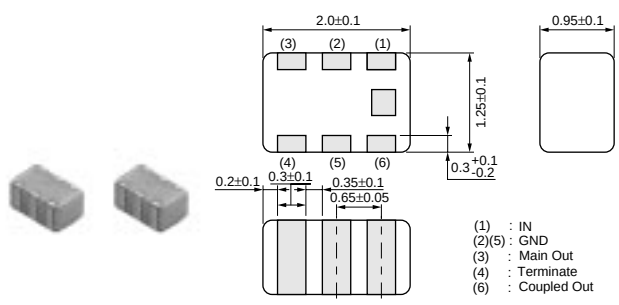


LDC18 Series

A : Pin 1 Marking

All the technical data and Information contained herein are subject to change without prior notice.

(in mm)



LDC21 Series

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(in mm)

Part Number	Frequency Range (MHz)	Coupling (dB)	Insertion Loss (dB)	Isolation (min.) (dB)	VSWR (max.)	Characteristic Impedance (Nom.) (ohm)	Power Capacity (W)	Application
LDC15836M20Q-360	836.5 ±12.5MHz	19.8 ±1.0dB	0.25 max. (at 25°C)	33.0	1.4	50	3 max. (50ohm Load)	UMTS(Band5)
LDC151G8820Q-359	1880 ±30MHz	20.5 ±1.0dB	0.22 max. (at 25°C)	34.0	1.4	50	3 max. (50ohm Load)	UMTS(Band2)
LDC151G9520Q-359	1950 ±30MHz	20.2 ±1.0dB	0.22 max. (at 25°C)	34.0	1.4	50	3 max. (50ohm Load)	UMTS(Band1)
LDC181G7420B-327	1747.5 ±37.5MHz	20.0 ±1.0dB	0.26 max. (at 25°C)	26.0	1.4	50	3 max. (50ohm Load)	GSM
LDC21836M20B-027	836.5 ±12.5MHz	20.6 ±1.0dB	0.15 max. (at 25°C)	28.0	1.4	50	3 max. (50ohm Load)	CDMA
LDC211G8820B-042	1880.0 ±30.0MHz	20.0 ±1.0dB	0.23 max. (at 25°C)	26.0	1.4	50	3 max. (50ohm Load)	CDMA
LDC211G9517B-031	1950.0 ±30.0MHz	17.3 ±1.0dB	0.27 max. (at 25°C)	21.0	1.4	50	3 max. (50ohm Load)	UMTS(Band1)

Operating Temperature Range: -40°C to +85°C

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