

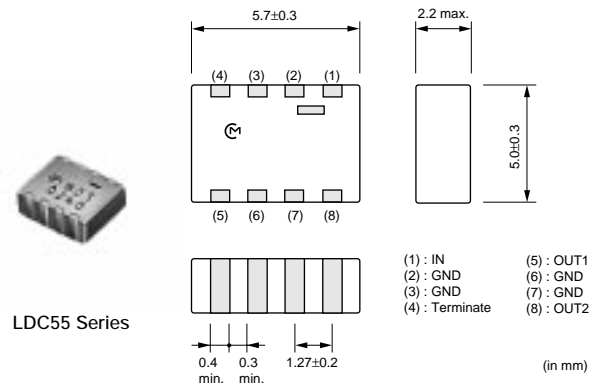
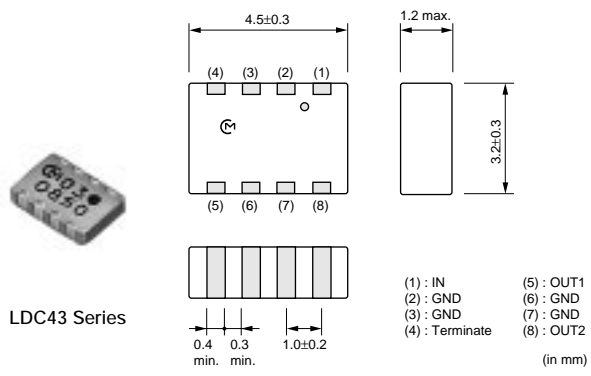
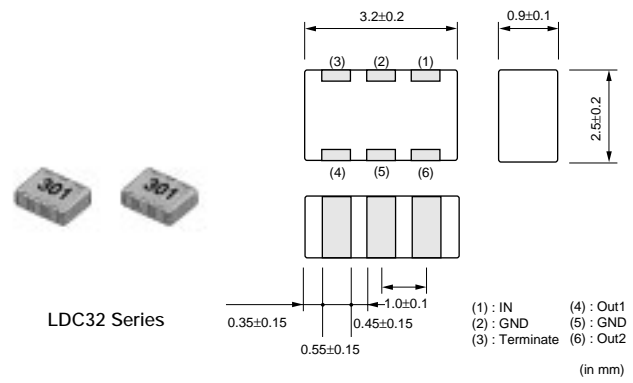
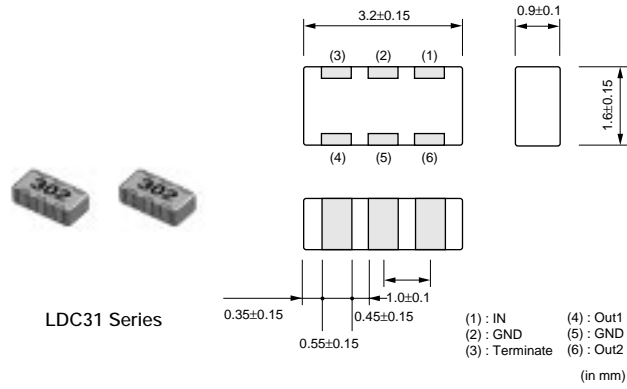


**THE DATASHEET OF  
LDC311G8814B-001**



# Chip Multilayer Hybrid Couplers

## 3dB Hybrid



| Part Number      | Frequency Range (MHz) | Insertion Loss (dB)    | Amplitude Balance (max.) (dB) | Phase Deviation (°) | Isolation (min.) (dB) | VSWR (max.) | Power Capacity (W)  |
|------------------|-----------------------|------------------------|-------------------------------|---------------------|-----------------------|-------------|---------------------|
| LDC311G6003B-601 | 1500 to 1700          | $3.3 \pm 0.5$ dB       | 1.0                           | $90 \pm 3.0^\circ$  | 20.0                  | 1.5         | 3 max. (50ohm Load) |
| LDC32900M03B-703 | 800 to 1000           | $3.3 \pm 0.5$ dB       | 1.0                           | $90 \pm 3.0^\circ$  | 20.0                  | 1.5         | 3 max. (50ohm Load) |
| LDC43850M03B-401 | 750 to 950            | $3.0 + 0.6 / - 0.2$ dB | 0.8                           | $90 \pm 3.0^\circ$  | 20.0                  | 1.4         | 3 max. (50ohm Load) |
| LDC55250M03B-200 | 220 to 280            | $3.0 + 0.6 / - 0.2$ dB | 0.8                           | $90 \pm 3.0^\circ$  | 20.0                  | 1.4         | 3 max. (50ohm Load) |

Characteristic Impedance: 50ohm    Operating Temperature Range: -25°C to +85°C

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 • This PDF catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

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