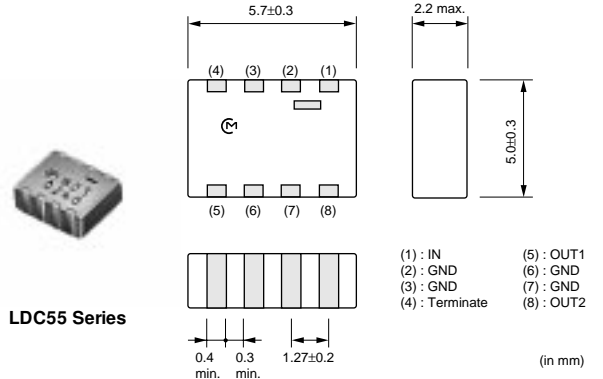
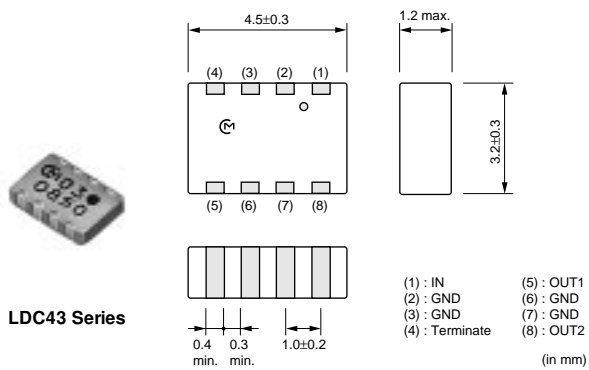
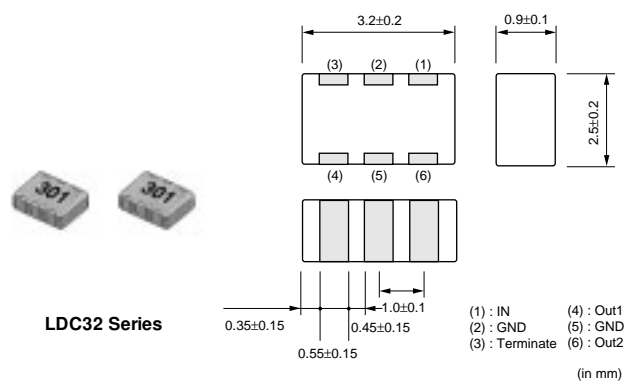
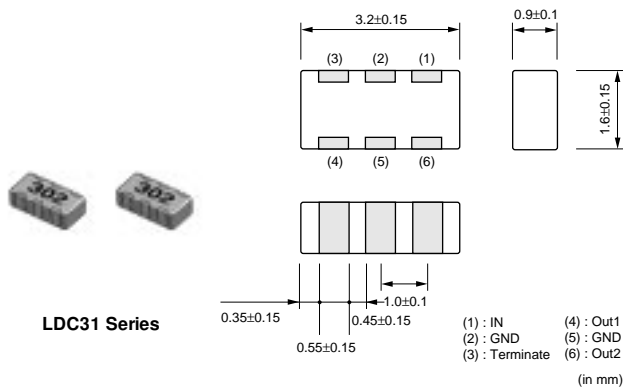


# Chip Multilayer Hybrid Couplers

## 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