

MULTILAYER DEVICES

RF DIODE SWITCH

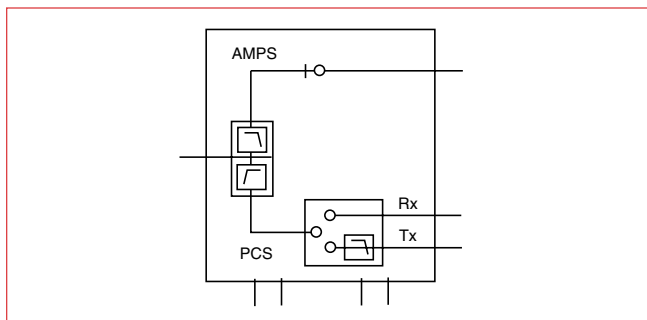
SWITCHPLEXER AND DIPLEXER WITH INTEGRATED LPF



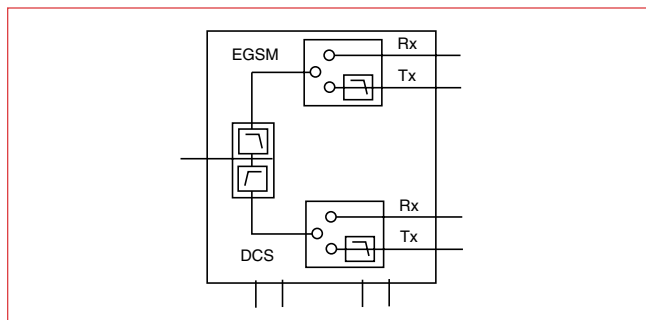
FEATURES

- High level of integration
- Low cost
- Small size
- Light weight
- Tape and reel packaging
- Reflow solderable

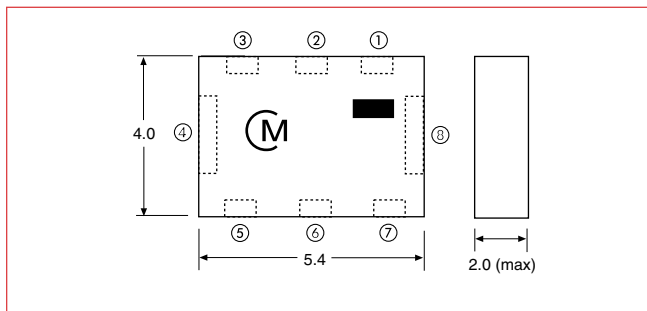
LMC33 EQUIVALENT CIRCUIT DIMENSIONS: mm



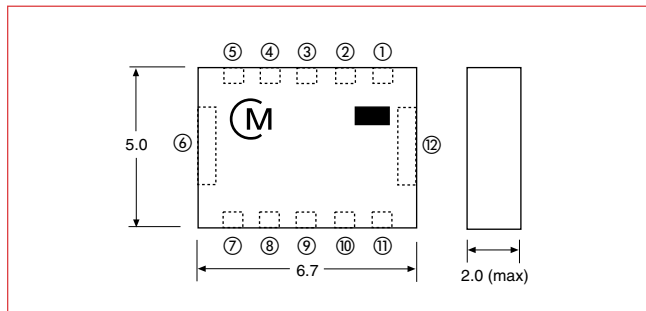
LMC36 EQUIVALENT CIRCUIT DIMENSIONS: mm



LMC33 DIMENSIONS



LMC36 DIMENSIONS



TERMINAL CONFIGURATION

Terminal No.	Terminal Name	Terminal No.	Terminal Name
①	Tx	⑤	Rx
②	GND	⑥	Vcc
③	ANT	⑦	AMPS
④	GND	⑧	GND

TERMINAL CONFIGURATION

Terminal No.	Terminal Name	Terminal No.	Terminal Name
①	Tx (GSM)	⑦	Rx (DCS)
②	Vc1	⑧	Vc3
③	GND	⑨	ANT
④	VC2	⑩	VC4
⑤	Rx (GSM)	⑪	Tx (DCS)
⑥	GND	⑫	GND

SPECIFICATIONS (−30~+85°C)

Application	Part Number	Path	Frequency Range (MHz)	Insertion Loss (dB max)	Attenuation (dB min)		VSWR (max)	Isolation (dB min)	Power Capacity (dBm max)
					2 x fo	3 x fo			
GSM	LMC36-07A0501B	TX	880 - 915	1.4	25	25	2.0	20.5	35
		RX	925 - 960	1.2	—	—	2.0		
DCS		TX	1710 - 1785	1.7	25	25	2.0	20.5	33
		RX	1805 - 1880	1.4	—	—	2.0		
GSM	LMC36-07A0505A	TX	880 - 915	1.4	25	25	2.0	20.0	35
		RX	925 - 960	1.2	—	—	2.0		
DCS		TX	1710 - 1785	1.7	25	25	2.0	20.0	33
		RX	1805 - 1880	1.4	—	—	2.0		
AMPS	LMC33-07A0514B	—	824 - 894	1.0	—	—	2	20	35
		TX	1850 - 1910	1.8	25	25	2		
PCS		RX	1930.0 - 1990	1.8	—	—	2		