

Pb Free

RoHS Conforming

Features

- Small and Low profile
- Low Current Consumption
- Built-in 2LPF for Receiver
- Built-in ESD Protection Circuit
- Excellent shock-resistant
- Support multiple bands(GSM850/GSM900/DCS(GSM1800)/PCS(GSM1900))
- Include ESD Protection

Applications

- GSM850/GSM900/DCS/PCS

How to Order

LX - Q 6 15 S2 E
① ② ③ ④ ⑤ ⑥

① Series

② Circuit

Q Quad

③ Type

④ Height

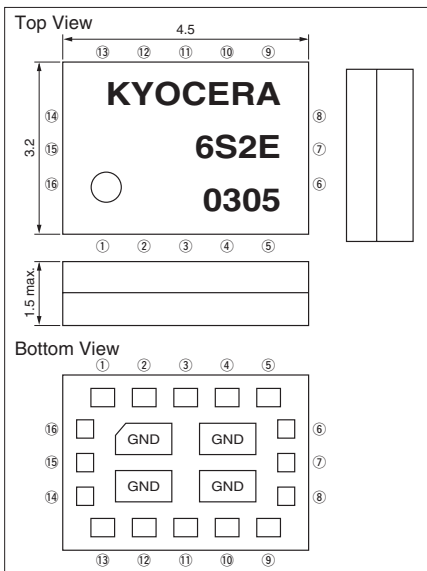
15 1.5mm max

⑤ Custom Specification

⑥ ESD Protection

Dimensions

(Unit : mm)



Pin Assingment

①	GND	⑨	GND
②	RX1(GSM850)	⑩	ANT
③	RX2(GSM900)	⑪	V _{DD}
④	RX3(DCS)	⑫	GND
⑤	RX4(PCS)	⑬	GND
⑥	VCont1	⑭	TX2(DCS/PCS)
⑦	VCont2	⑮	GND
⑧	VCont3	⑯	TX1(GSM850/900)

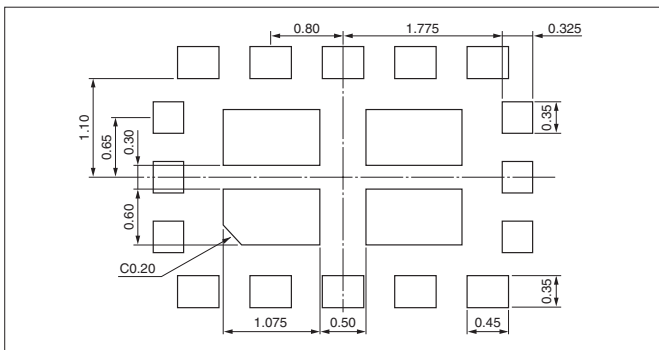
Specifications

(at 25°C)

Part No.	GSM					DCS/PCS				
	TX			RX		TX			RX	
	Freq. (MHz)	Ins. Loss (dB)	Att.(2*f ₀ , 3*f ₀) (dB)	Freq. (MHz)	Ins. Loss (dB)	Freq. (MHz)	Ins. Loss (dB)	Att.(2*f ₀ , 3*f ₀) (dB)	Freq. (MHz)	Ins. Loss (dB)
LX-Q615S2E	824 to 849	≤1.45	≥30(2*f ₀ , 3*f ₀)	869 to 894	1.5	1710 to 1785	≤1.55	≥30(2*f ₀ , 3*f ₀)	1805 to 1880	≤1.5
	880 to 915			925 to 960	1.6	1850 to 1910			1930 to 1990	

Recommended Land Pattern

(Unit : mm)



Recommended Reflow Profile

