

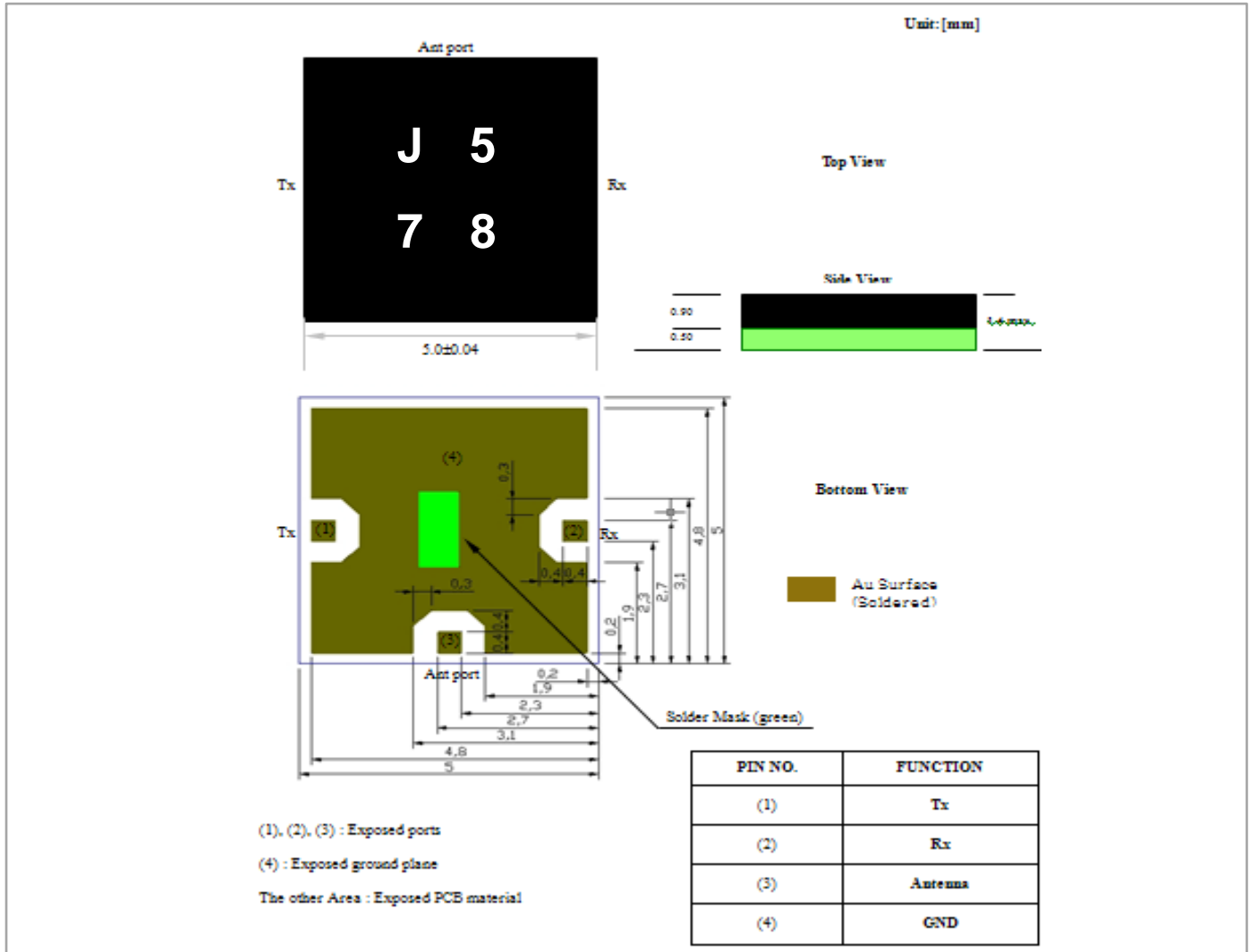
- FBAR Duplexer For US-PCS
- Revision 0: August 2007

## Electrical Characteristics

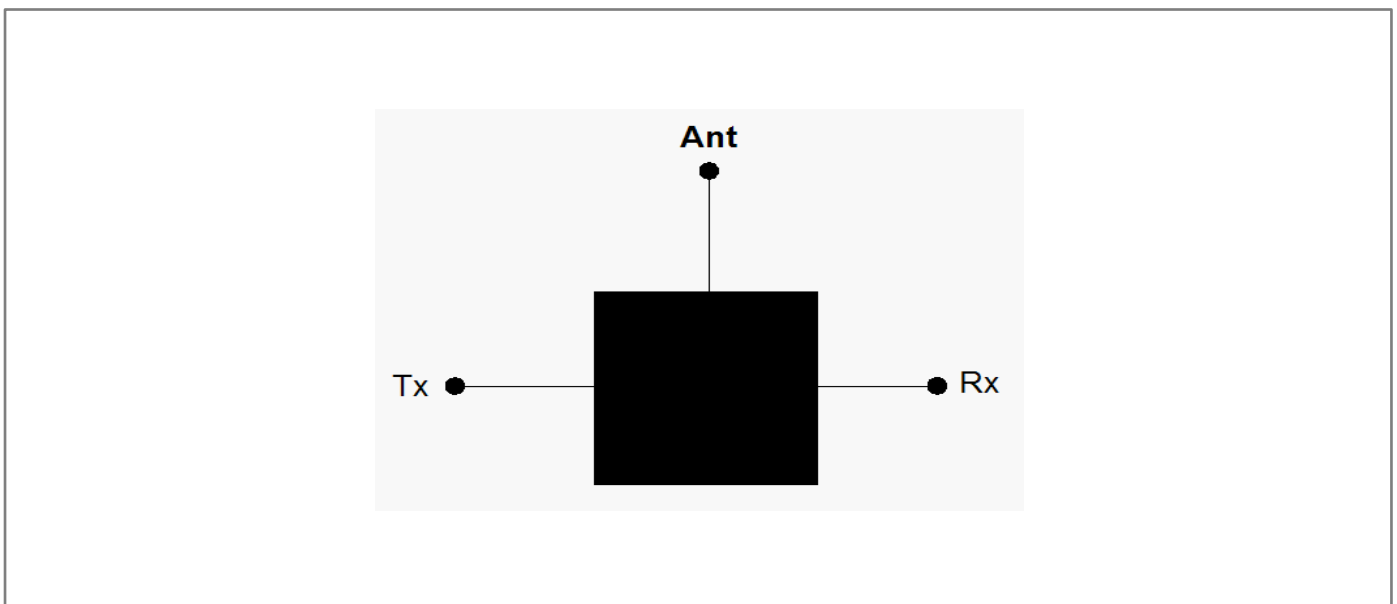
MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	0	-
Maximum Input Power	W	1.0		
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	K4			
Length x Width	mm <sup>2</sup>	-	5.0 x 5.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION					
PARAMETERS	CONDITION [MHZ]	UNIT	MINIMUM	TYPICAL	MAXIMUM
<b>Tx → Ant</b>		<b>Specifications</b>			
Insertion Loss	1850.6 ~ 1909.4	dB	-	2.2	3.0
Passband Ripple	1850.6 ~ 1909.4	dB	-	0.9	2.0
Return Loss	1850.6 ~ 1909.4	dB	10	12	-
Attenuation	1930.6 ~ 19789.4	dB	40	44	-
<b>Ant → Rx</b>		<b>Specifications</b>			
Insertion Loss	1930.6 ~ 1989.4	dB	-	3.0	3.5
Passband Ripple	1930.6 ~ 1989.4	dB	-	0.9	2.0
Return Loss	1930.6 ~ 1989.4	dB	8	10	-
Attenuation	1850.6 ~ 1909.4	dB	50	53	-
<b>Tx → Rx</b>		<b>Specifications</b>			
Isolation	1850.6 ~ 1909.4	dB	50	54	-
	1930.6 ~ 1989.4	dB	42	46	-

## Package Dimensions



## Testing Environment



## Frequency Characteristics

