

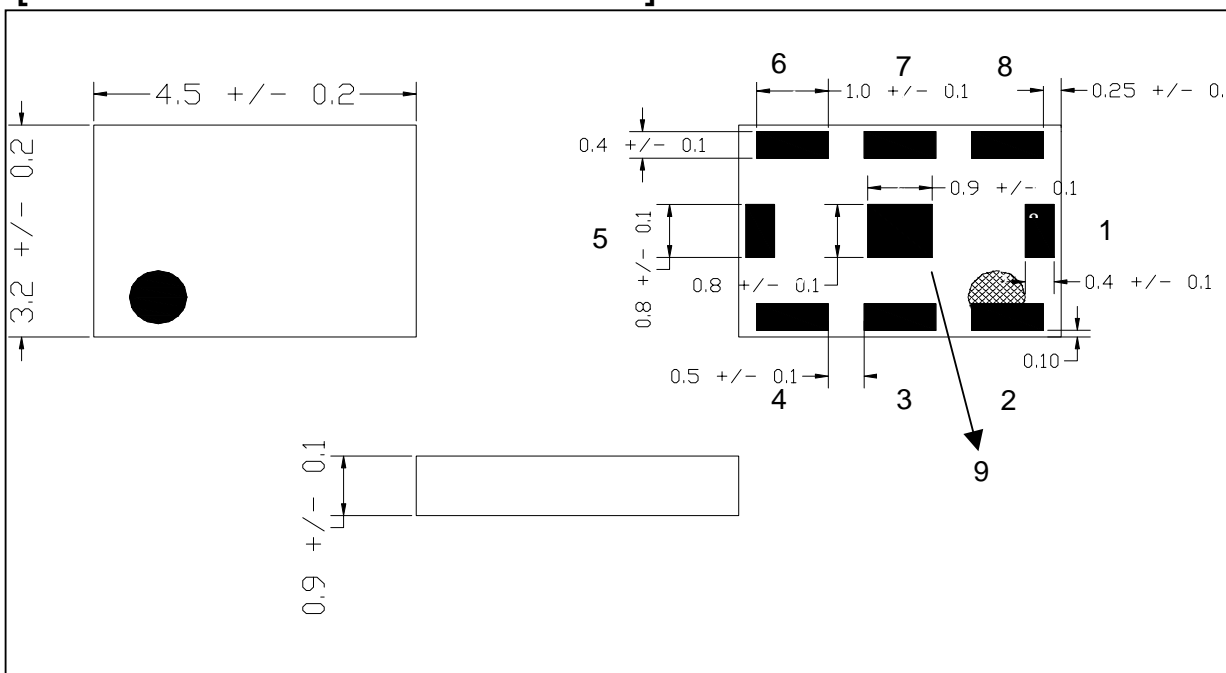


**THE DATASHEET OF  
DEA453960BT-3007B1**



# TDK/Band Pass Filter for UWB DEA453960BT-3007B1

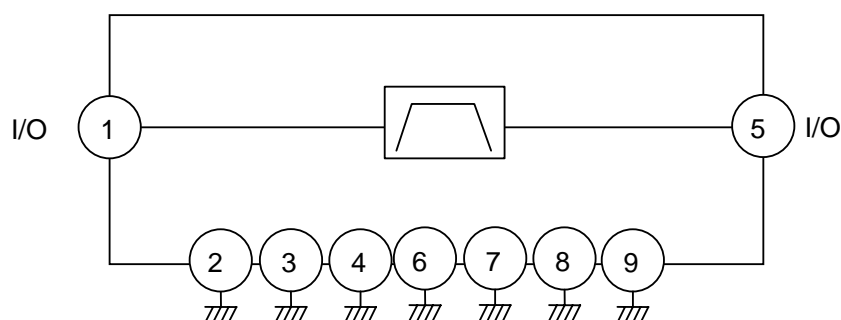
## [MECHANICAL DIMENSIONS]



## [PIN FUNCTIONS]

1 : I/O	5 : I/O	9 : GND
2 : GND	6 : GND	
3 : GND	7 : GND	
4 : GND	8 : GND	

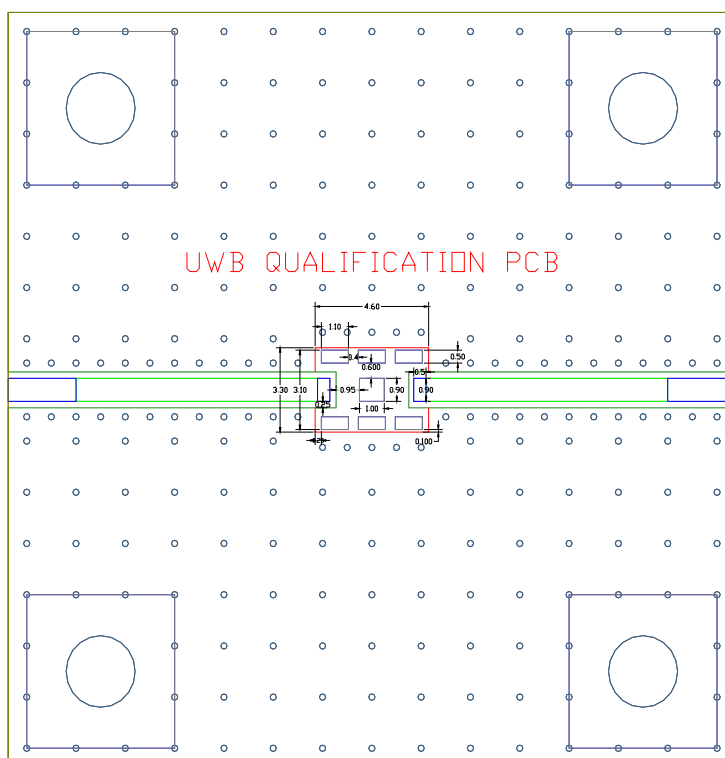
## [BLOCK DIAGRAM]



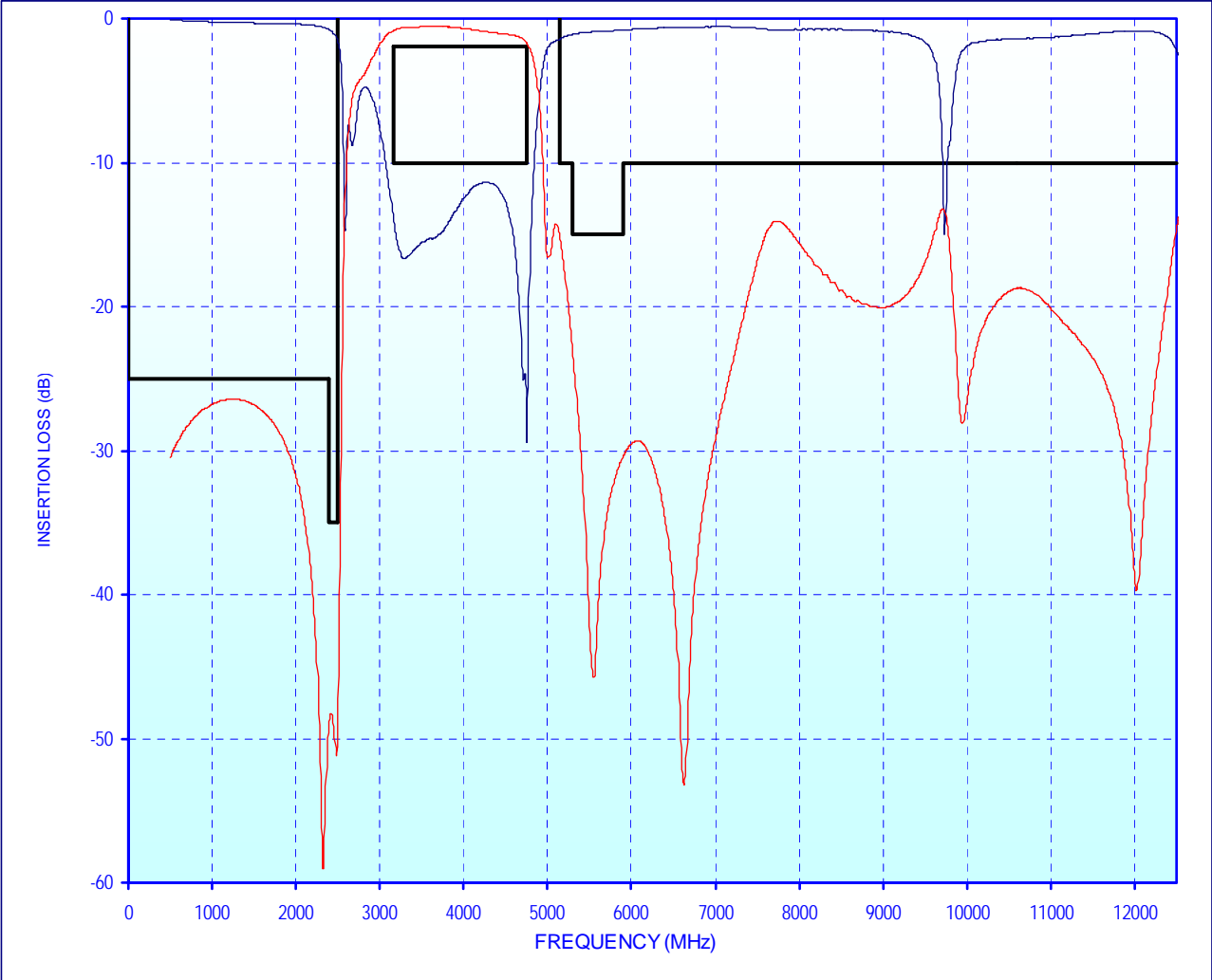
**[ELECTRICAL CHARACTERISTICS (T=-30 to 85 ,Z<sub>L</sub>=50 )]**

PARAMETER	Frequency [MHz]	MIN.	TYP.	MAX.	UNIT
Insertion loss (T=25 )	3168-4752		1.7	1.9	dB
Insertion loss (T=-30 to 85 )	3168-4752			2.2	dB
Input Return loss	3168-4752	10			dB
Attenuation	DC-2400	25			dB
Attenuation	2400-2500	35			dB
Attenuation	5150-5300	10			dB
Attenuation	5300-5900	15			dB
Attenuation	5901-12500	10			dB

**[Test Board]**





[Frequency Response]



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