



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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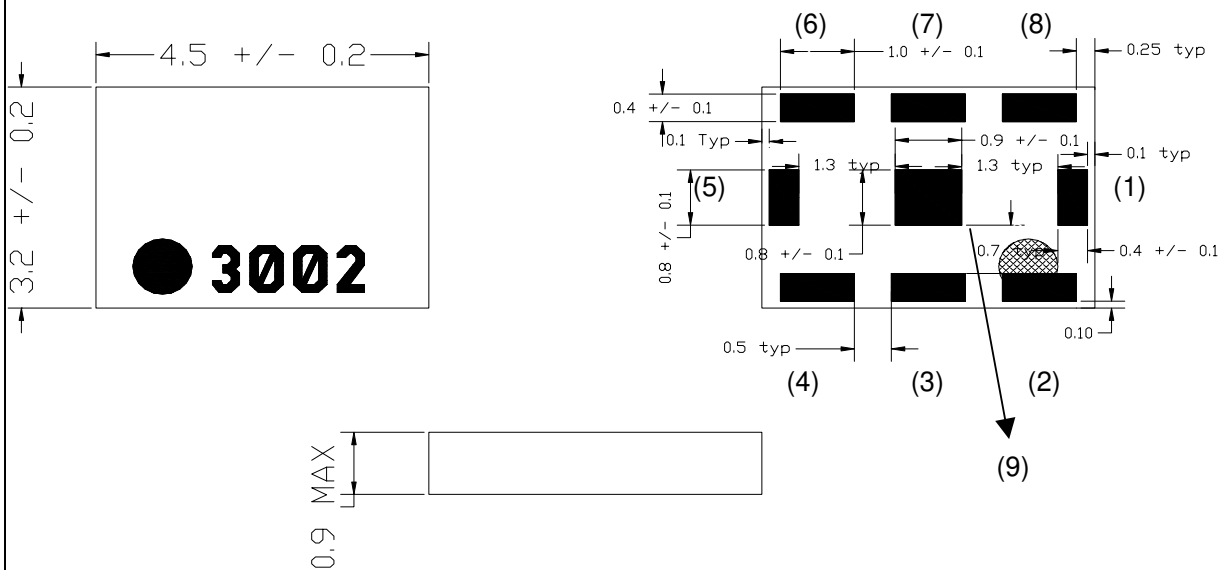
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# TDK/Band Pass Filter for UWB DEA453960BT-3002B1

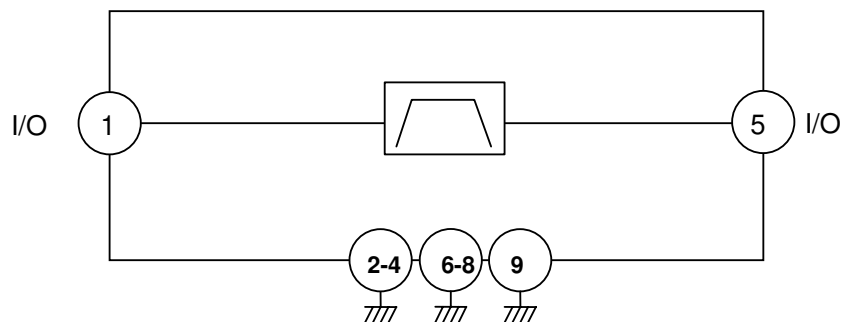
## [MECHANICAL DIMENSIONS]



## [PIN FUNCTIONS]

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

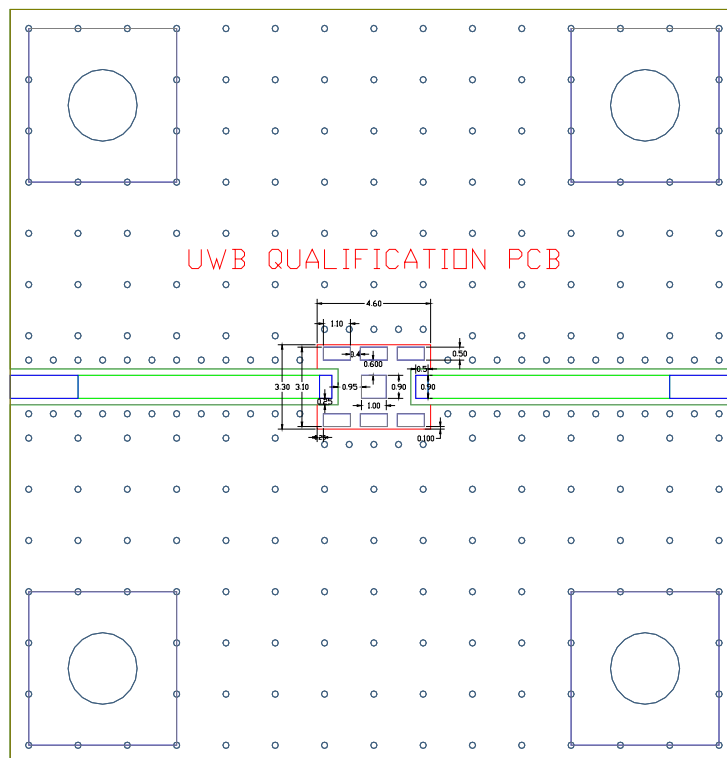
## [BLOCK DIAGRAM]



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

PARAMETER	Frequency [MHz]	MIN.	TYP.	MAX.	UNIT
Insertion loss (T=25°C)	3168-4752		1.7	1.9	dB
Insertion loss (T=-30°C to 85°C)	3168-4752			2.2	dB
Input Return loss	3168-4752	10			dB
Attenuation	DC-2200	30			dB
Attenuation	2400-2500	26			dB
Attenuation	5150-5300	23			dB
Attenuation	5300-5900	25			dB
Attenuation	6336-9504	10			dB

**[Test Board]**



### [Frequency Response]

